

SUPERINTENDENCIA DE INDUSTRIA Y COMERCIO	
RAD: 12-164198- -4	FECHA: 2013-09-11 13:03:38
DEP: 2020 DIRECCION DE NUEVAS CREACIONES	EVE: 378 FASE NACIONAL INCLUIDO CAPITULO I
TRA: 11 PCT-PATENTE DE INVENCION CAPITULOS I Y II	FOLIOS: 7
ACT: 519 PRESENTACION	

DIRECCIÓN DE NUEVAS CREACIONES

2020
Bogotá, D.C.,

Abogado(a)/Señor(a)
HUMBERTO RUBIO CAMACHO

Asunto: Radicación: 12-164198- -4
 Trámite: 11
 Evento: 378
 Actuación: 519
 Oficio: 17320
 Folios: 7

Patente de Invención	X			Patente de Modelo de Utilidad	
Vía Nacional					
Vía PCT (Fase Nacional)	X	Capítulo I	X	Capítulo II	
No. Solicitud Internacional	PCT/US2010/054033				
Fecha de Presentación Internacional	26/10/2010				

Como resultado del Examen de Fondo realizado, con fundamento en el Artículo 45 de la Decisión 486 de la Comisión de la Comunidad Andina, se comunica:

1. Documentos estudiados

Descripción:	Rad. No. 12-164198-00000-0000	21/Septiembre/2012
Reivindicaciones:	Rad. No. 12-164198-00000-0000	21/Septiembre/2012
Prioridades:	US 12/711,995	24/Febrero/2010

2. Análisis de la Prioridad

Se acepta la reivindicación de Prioridad porque esta solicitud fue presentada dentro del plazo establecido (Art. 9 D 486) y su contenido técnico corresponde con el de la prioridad reivindicada.

3. Objeto de la invención

De acuerdo con lo establecido en el numeral 1.2.2.2 del Capítulo Primero del Título X de la Circular Única para efectos del examen de patentabilidad, se tendrá en cuenta la tasa pagada por el solicitante al momento de comenzar el examen para las reivindicaciones adicionales; esto es que cuando la solicitud contenga más de diez (10) reivindicaciones y no se haya pagado la tasa complementaria, sólo se estudiarán las cubiertas por la tasa pagada.

Se aceptan para estudio todas las 19 reivindicaciones presentadas (Fls. 8 a 10 del Rad. No. 12-164198-00000-0000) porque las tasas pagadas cubren en su totalidad lo establecido en el numeral 1.2.2.2 del Capítulo Primero del Título X de la Circular Única.

Título de la solicitud: “Dispositivo absorbente y método para formar una impresión sobre un producto absorbente” (Modificado en el Fl. 1 del Rad. No. 12-164198-00002-0000).

El problema planteado en esta solicitud consiste en la necesidad de imprimir sobre recipientes absorbentes utilizados en la Industria médica o de alimentos de manera que la impresión sea resistente al borrado.

Para resolver este problema técnico, la solicitud en estudio proporciona métodos de impresión y capas de revestimiento para éstos.

El objeto de la presente Solicitud se relaciona con la Clasificación Internacional de Patentes (CIP) B01J 20/28, B05D 1/26, B65D 81/26, B65D 30/10, C09D 11/00.

4. De la Solicitud de Patente

Reivindicaciones (Art 30 D 486, Art 22 PCT)

La reivindicaciones 1, 2, 10, 13, 14 no son concisas porque las definiciones de colorante, resina, capa protectora, polvo absorbente, capa de revestimiento, tinta, solvente, son géneros funcionales, se sugiere restringir la solicitud a una razonable generalización del tipo de compuestos que han sido sintetizados o probados, es decir, que se encuentran debidamente sustentados.

La reivindicación 5 no es clara porque la expresión *“en que la superficie del polietileno de alta densidad tiene un nivel superior a 40 dinas”* es un resultado a alcanzar, lo que no está permitido, no define al producto y/o método porque la invención no queda definida por el resultado a alcanzar, puesto que la reivindicación incluiría no sólo la solución propuesta por el solicitante, sino todas las alternativas presentes o futuras que lleguen a ese resultado. Se sugiere remplazarla por las características esenciales estructurales que contribuyen a la obtención de ese efecto.

La reivindicación 3 no es clara porque el término *“Sachet”* es poco conocido en el campo técnico de la invención. Se sugiere definirlo correctamente.

La reivindicación 4 no es clara porque hace referencia a un producto, pero presenta características técnicas de un método al indicar forma de obtención del polietileno de alta densidad. Al respecto no debe olvidarse que las reivindicaciones de producto y de procedimiento son diferentes y, por ello, deben redactarse de manera independiente en el pliego reivindicatorio. Sobre las mismas, el Tribunal Andino de Justicia ha dicho lo siguiente:

“El objeto de la invención de producto está constituido por un cuerpo cierto destinado a llenar una necesidad industrial que el estado de la técnica aún no ha satisfecho. En cambio, el objeto de la invención de procedimiento se encuentra conformado por “una serie o sucesión de operaciones que inciden sobre una materia (sólida, líquida o gaseosa) que se encamina a la obtención de una cosa o un resultado”¹.

La reivindicación 9 no es clara porque la expresión *“que el contenedor o recipiente contiene hierro”* no está justificada en la descripción, pues se indicaría que el recipiente contiene en su interior hierro para almacenarlo pero no hace parte de la composición del recipiente en sí.

5. Determinación del Estado de la Técnica

El estado de la técnica se determinó con base en la fecha de presentación de la solicitud de prioridad invocada, es decir, el 24 de febrero de 2010.

Consultadas las fuentes de información con que se cuenta, se encontraron los siguientes documentos que anticipan el objeto de esta solicitud.

Item	Documento	Título	Fecha de Publicación
D1	US 2008/0251395	"Sorbent canister with beveled edges"	16/Octubre/2008
D2	US 2005/192378	"Printing ink composition and the method for printing"	01/Septiembre/2005

El documento D1² divulga recipientes permeables al gas y al vapor con material granular para adsorber o absorber exceso de humedad. (Pág. 1, Párr. 1, Pág. 2, Párr. 14, 28 y 29, Pág. 5, Párr. 51).

El documento D2³ divulga una composición de tintas de impresión y la impresión de las mismas sobre compuestos termoplásticos, como también el proceso de protección de la impresión (Pág. 1, Párr. 1, Pág. 2, Párr. 17 y 20).

6. Examen de Patentabilidad (Art 14 D486)

Nivel inventivo (Art 18 D486)

La reivindicación 1 consiste en *"Un artículo absorbente que comprende un absorbente que lleva signos impresos sobre él..."* (Fl. 8 del Rad. No. 12-164198-00000-0000).

Comparación de las características técnicas **esenciales**, con las del Estado de la Técnica:

Características esenciales	D1	D2
Artículo absorbente que comprende:	Frascos permeables para contener gas o vapor de tratamiento de materiales, incluyendo materiales adsorbentes o absorbentes tales como un desecante o un absorbente de oxígeno (Pág. 1, Párr. 1)	No se menciona
Absorbente que lleva signos impresos sobre él	Los frascos llevan mensajes de texto impresos sobre ellos (Pág. 3, Párr. 29, Pág. 5, Párr. 51)	Las tintas de impresión se pueden aplicar sobre el sustrato (Pág. 1, Párr. 1)
La impresión comprende colorante, resina y una capa protectora sobre la impresión	No menciona	Las composiciones de la tinta incluyen resinas, aceites minerales, disolventes, colorantes y aditivos. El sustrato sobre el que se imprime es tratado para proteger la imagen impresa (Pág. 1, Párr. 8, Pág. 3, Párr. 29).

¹Otero Lastres, José Manuel. Ob. Cit. Proceso 129aIPa2007.

²[http://worldwide.espacenet.com/publicationDetails/originalDocument?](http://worldwide.espacenet.com/publicationDetails/originalDocument?CC=US&NR=2008251395A1&KC=A1&FT=D&ND=3&date=20081016&DB=EPODOC&locale=en_EP)

[CC=US&NR=2008251395A1&KC=A1&FT=D&ND=3&date=20081016&DB=EPODOC&locale=en_EP](http://worldwide.espacenet.com/publicationDetails/originalDocument?CC=US&NR=2008251395A1&KC=A1&FT=D&ND=3&date=20081016&DB=EPODOC&locale=en_EP)

³[http://worldwide.espacenet.com/publicationDetails/originalDocument?](http://worldwide.espacenet.com/publicationDetails/originalDocument?CC=US&NR=2005192378A1&KC=A1&FT=D&ND=3&date=20050901&DB=EPODOC&locale=en_EP)

[CC=US&NR=2005192378A1&KC=A1&FT=D&ND=3&date=20050901&DB=EPODOC&locale=en_EP](http://worldwide.espacenet.com/publicationDetails/originalDocument?CC=US&NR=2005192378A1&KC=A1&FT=D&ND=3&date=20050901&DB=EPODOC&locale=en_EP)

Los documentos D1 y D2 se consideran el estado de la técnica más cercano a la invención definida en la reivindicación 1, porque divulgan artículos absorbentes con impresiones sobre ellos y tintas de impresión sobre sustratos termoplásticos.

La diferencia entre la invención, definida en la reivindicación 1 y el artículo del documento D1 consiste en que D1 no menciona los compuestos de la impresión ni la capa protectora para ésta.

La diferencia entre la invención, definida en la reivindicación 1 y el artículo del documento D2 consiste en que en D2 no se menciona artículos absorbentes sobre los cuales se imprime.

El efecto que logra el incluir signos impresos recubiertos sobre los artículos absorbentes es que permite suministrar un producto absorbente con información impresa con una mayor durabilidad de forma más eficiente.

Por lo tanto, el problema técnico objetivo que pretende resolver esta invención se puede formular así “¿cómo modificar el artículo absorbente D1 para que la información impresa tenga una mayor durabilidad de forma más eficiente?”.

Sin embargo, la impresión con tinta sobre termoplásticos y el recubrimiento de la misma para protegerla, ya está divulgado en el documento D2 que se refiere a la composición de tinta de impresión y el método para la impresión. (Pág. 1, Párr. 1 y 8, Pág. 2, Párr. 13 al 22).

En consecuencia, una persona normalmente versada en la materia incluiría la tinta de impresión y el recubrimiento para protegerla de D2 en el artículo de la anterioridad D1, esperando con certeza lograr el producto, como la de la reivindicación 1 de la solicitud, lo cual es considerado obvio y, por lo tanto, sin altura inventiva.

Puesto que las reivindicaciones dependientes 2 a 9 no mencionan características adicionales tangibles que hagan inventiva la solicitud, se considera que tales reivindicaciones tampoco tienen nivel inventivo ya que D1 divulga recipientes permeables al vapor que comprenden materiales absorbentes y en su superficie comprende polietileno de alta densidad, siendo la superficie impresa la de un recipiente o la de artículos absorbentes independientes, en donde para una persona versada en la materia es implícito que el polietileno de alta densidad es empleado como material de empaque y que una bolsa es solo una diferente presentación de empaque (Pág. 1, Párr. 1, Pág. 2, Párr. 14, 28 y 29, Pág. 5, Párr. 51) y D2 divulga una composición de una tinta de impresión y la impresión sobre termoplásticos (Pág. 1, Párr. 2)

Conclusión:

Las reivindicaciones 1 a 9 cumplen el requisito de novedad (Art. 16), pero no cumplen con el requisito de nivel inventivo (Art. 18).

La reivindicación 10 consiste en “*El método de impresión en un producto absorbente que incluye proporcionar un contenedor del producto absorbente, imprimir signos con tinta o a máquina o en forma legible por el ojo humano en el producto absorbente...*” (Fl. 9 del Rad. No. 12-164198-00000-0000).

Comparación de las características técnicas **esenciales**, con las del Estado de la Técnica:

Características esenciales	D1	D2
El método de impresión en un producto absorbente que incluye proporcionar un contenedor del producto absorbente, imprimir signos con tinta o máquina o en forma legible	El recipiente es llenado con material granular que puede adsorber o absorber exceso de humedad, oxígeno entre otros y sobre los cuales se imprime mensajes de texto (Pág. 2, Párr. 28, Pág. 3,	No menciona

	Párr. 29, Pág. 5, Párr 51).	
Recubrir los signos impresos con una capa de revestimiento	No menciona	Imprimir la imagen multi-color deseada sobre el sustrato tratado y después recubrir la superficie del sustrato para proteger la imagen impresa (Pág. 1, Párr. 1 y 8, Pág. 2, Párr. 13 al 22, Pág. 3, Párr. 28 al 31).

Los documentos D1 y D2 nuevamente se consideran el estado de la técnica más cercano a la invención definida en la reivindicación 10, porque divulgan la impresión con tinta sobre frascos absorbentes.

La diferencia entre la invención, definida en la reivindicación 10 y el método del documento D1 consiste en que D1 no menciona el recubrimiento sobre los signos impresos.

La diferencia entre la invención, definida en la reivindicación 10 y el método del documento D2 consiste en que en D2 no se menciona el contenido ni la función de los recipientes sobre los que se imprime.

Por lo tanto, el problema técnico objetivo que pretende resolver esta invención se puede formular así “¿cómo modificar el procedimiento de impresión del artículo absorbente D1 para que para que la información impresa tenga una mayor durabilidad de forma más eficiente?”.

Sin embargo, la impresión con tinta sobre termoplásticos y el recubrimiento de la misma para protegerla, ya está divulgado en el documento D2 que se refiere a la composición de tinta de impresión y el método para la impresión (Pág. 1, Párr. 1 y 8, Pág. 2, Párr 13 al 22, Pág. 3, Párr. 28 al 31).

En consecuencia, una persona normalmente versada en la materia incluiría la tinta de impresión y el recubrimiento para protegerla de D2 en el procedimiento de la anterioridad D1, esperando con certeza lograr el método, como la de la reivindicación 10 de la solicitud, lo cual es considerado obvio y, por lo tanto, sin altura inventiva.

Puesto que las reivindicaciones dependientes 11 a 19 no mencionan características adicionales que hagan inventiva la solicitud, se considera que tales reivindicaciones tampoco tienen nivel inventivo ya que D1 divulga recipientes con material granular en su interior para absorber, en donde los signos impresos están en sobre empaques individuales dirigidos a productos alimenticios y farmacéuticos (Pág. 2, Párr. 28, Pág. 5, Párr. 51, Pág. 4, Párr. 44) y D2 divulga la composición de una tinta que comprende xileno o aceite mineral, un colorante azul que constituye entre el 10 y el 30% en peso de la tinta, aditivos para ajustar las propiedades de la tinta, en donde la tinta puede estar compuesta por una o dos resinas en forma granular o en polvo disueltas en solventes adecuados y siendo para la persona versada en la materia el empleo de pigmentos de ftalocianina de cobre para tintas para impresión⁴ (Pág. 1, Párr. 10, Pág. 2, Párr. 14, 17, 20 y 22).

Conclusión:

Las reivindicaciones 10 a 19 cumplen el requisito de novedad (Art. 16), pero no cumplen con el requisito de nivel inventivo (Art. 18).

⁴BASF. The Chemical Company. “Pigments, pigment preparations, dyes and light stabilizers for coatings, plastics, printing inks and specialty industries”.Septiembre 2007. Págs 2.1 y 2.73 de la sección 2.

7. Conclusión

Los requisitos de Patentabilidad de la presente Solicitud están afectados así:

Item	Documento	Reivindicaciones afectadas	Requisito que afecta
D1	US 2008/0251395	1 a 19	Nivel inventivo
D2	US 2005/192378	1 a 19	Nivel inventivo

En cumplimiento del artículo 45 de la Decisión 486 de la Comisión de la Comunidad Andina, se le indica que debe dar respuesta dentro del término de sesenta (60) días contados a partir del día siguiente de la fecha de notificación de la presente comunicación. En caso de no dar respuesta al presente requerimiento, o si a pesar de la respuesta subsistieran los impedimentos para la concesión, se denegará la patente.

Se invita al solicitante se sirva indicar, si así lo considera, su renuncia al término faltante de sesenta (60) días para dar respuesta a este requerimiento y presentarla por escrito.

Finalmente, se le recuerda al solicitante que si como respuesta a este requerimiento llegara a modificar el capítulo reivindicatorio y éste contenga más de diez (10) reivindicaciones, no pagará la tasa de modificación voluntaria pero sí la correspondiente al pago por reivindicación adicional.

Notifíquese el presente oficio conforme a lo dispuesto en el numeral 5.2, literal e), del capítulo quinto del título primero de la Circular Única No. 10 de 2001.



JOSÉ LUIS SALAZAR LÓPEZ
Director de Nuevas Creaciones (c)

El anterior requerimiento fue notificado por fijación en lista, de fecha 2013-09-17

Elaboró: Jorge Eduardo Cortazar Gomez
Revisó: Rosa Patricia Tellez Chavarro

Pigments, pigment preparations, dyes and light stabilizers for coatings, plastics, printing inks and specialty industries

Section 0 – Introduction

**EVP 1007 e, September 2007
supersedes EVP 1007 e, May 2007**

editorial deadline: September 25, 2007



This document gives you a survey of all global standard products of BASF's Performance Chemicals for Coatings, Plastics and Specialties business unit .

Listed are organic as well as inorganic pigments, effect pigments, hybrid and stir-in pigments, pigment preparations, soluble dyestuffs, light stabilizers and additives.

Not listed in this document are the tailor-made preparations for the coloration of plastics, masterbatches. Please contact BASF Masterbatch at:

telephone +49 (0)221 96 49-531
facsimile +49 (0)221 96 49-536
e-mail info.masterbatch@basf.com.

Please note that all products listed are manufactured on an industrial scale and may contain traces of impurities which cannot be avoided. Therefore, BASF does not recommend any of the products listed for application in foodstuffs, pharmaceuticals, cosmetics or for medical appliances or devices that are to come in contact with body fluids or viscera. However, BASF offers products that are approved for food-contact applications under various legislations. Please refer to section 4 of this document for additional information. The special requisitions of the European pharmacopoeia apply to pharmaceutical packagings made from plastics.

This document is divided into six sections:

this introduction and table of contents
information on trademarks, safety and disclaimer,
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MagnaPearl® effect pigments	2.82	Pigmosol® preparations	2.99		
MicroPearl effect pigments	2.83	soluble dyes	2.100		
Black Olive™ effect pigment	2.84	anionic dyes	2.100		
Firemist® effect pigments	2.85	Basacid® dyes	2.100		
Lumina® effect pigments	2.86	cationic dyes	2.101		
Mearlite® effect pigments	2.87	Basonyl® dyes	2.101		
Dynacolor® effect pigments	2.88	metal-complex dyes	2.102		
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organic pigments	2.95				

trademark	type	owner	region
Basacid®	registered trademark	BASF Aktiengesellschaft	AO, AT, BA, BR, BX, CA, CH, CL, CN, CZ, DE, DZ, EG, EM, ES, FR, HR, HU, IT, JP, LI, MA, MC, MX, PE, PL, RO, RU, SD, SI, SK, SM, US, YU
Basantol®	registered trademark	BASF Aktiengesellschaft	AR, AT, AU, BA, BR, BX, CH, CL, CN, CZ, DE, DK, EG, EM, ES, FR, GB, GR, HR, HU, ID, IE, IN, IT, JP, KR, LI, MC, PK, PT, SE, SI, SK, SM, TR, TW, US, YU, ZA
Basonyl®	registered trademark	BASF Aktiengesellschaft	AT, BA, BR, BX, CH, CN, CZ, DE, DZ, EG, EM, ES, FR, HR, IT, JP, LI, MA, MC, PL, PT, RO, RU, SD, SM, US, YU
Black Olive™	trademark	BASF Catalysts LLC	
Cyclo®	registered trademark	BASF Catalysts LLC	US
Dynacolor®	registered trademark	BASF Catalysts LLC	CA, DE, EM, JP, MX, US
Eupolen®	registered trademark	BASF Aktiengesellschaft	BR, CA, CH, CN, DE, EM, JP, LI, MC, SM, US, ZA
Euvinyl®	registered trademark	BASF Aktiengesellschaft	AU, BA, CA, CH, DE, EM, GB, HR, IE, LI, MC, PK, RO, SM, TR, US, YU
Fanal®	registered trademark	BASF Aktiengesellschaft	AR, AU, BR, CA, CH, CL, CN, CO, CZ, DE, DK, EM, FI, GR, GT, ID, IE, IL, IN, IR, JP, NO, NZ, PE, PK, PL, PY, RO, RU, SI, SK, TR, US, VE, ZA
Firemist®	registered trademark	BASF Catalysts LLC	US
Heliogen®	registered trademark	BASF Aktiengesellschaft	AO, AU, BA, BD, BR, CA, CD, CH, CL, CN, CO, DE, EG, EM, FI, GB, GR, HK, HR, ID, IE, IL, JP, KE, KR, LI, MA, MC, MW, MY, NO, NZ, OA, PE, PH, PK, PL, PY, RO, RU, SE, SM, TN, TR, TW, UA, UG, US, VN, YU, ZA, ZM, ZW
Lithol®	registered trademark	BASF Aktiengesellschaft	AR, AT, AU, BA, BR, BX, CA, CH, CL, CN, CZ, DE, DZ, EG, EM, ES, FR, GB, GR, HR, HU, ID, IE, IN, IT, JP, KR, LI, MA, MC, MX, NO, NZ, PE, PL, PT, PY, RO, RU, SI, SK, SM, TN, TR, TW, US, VN, YU, ZA, ZW
Lucolor®	registered trademark	BASF Aktiengesellschaft	CH, CN, DE, EM, IN, JP, US
Luconyl®	registered trademark	BASF Aktiengesellschaft	AO, AT, AU, BA, BD, BR, BX, CA, CH, CN, CZ, DE, DK, DZ, EG, EM, ES, FI, FR, GR, HR, HU, ID, IE, IT, JP, LI, MA, MC, NO, PK, PY, RO, SE, SI, SK, SM, TN, TR, VE, VN, YU, ZA
Lumina®	registered trademark	BASF Catalysts LLC	US
Lumogen®	registered trademark	BASF Aktiengesellschaft	AR, AT, AU, BA, BR, BX, CA, CH, CN, CZ, DE, DZ, EG, EM, ES, FR, HR, HU, ID, IE, IT, JP, LI, MC, PL, PT, RU, SD, SE, SI, SK, SM, US, YU
MagnaPearl®	registered trademark	BASF Catalysts LLC	CA, DE, FR, GB, IN, JP, KR, MX, US,
Mearlin®	registered trademark	BASF Catalysts LLC	AR, BR, CA, CN, DE, ES, FR, GB, HK, IN, IT, JP, KR, MX, TH, TW, US
Mearlite®	registered trademark	BASF Catalysts LLC	BR, CN, FR, GB, IN, KR, MX, TH, TW
Neozapon®	registered trademark	BASF Aktiengesellschaft	AR, AT, BA, BG, BR, BX, CA, CH, CL, CN, DE, DZ, EG, EM, ES, FI, FR, GB, GR, HR, HU, ID, IE, IN, IT, JP, KP, LI, LK, MA, MC, MN, MX, NO, PE, PT, PY, RO, RU, SD, SE, SI, SM, TH, TN, TW, US, UY, VN, YU, ZA

trademark	type	owner	region
Neptun®	registered trademark	BASF Aktiengesellschaft	AT, BA, BR, BX, CA, CH, CN, CZ, DE, DK, DZ, EG, EM, FR, GR, HR, HU, IN, IT, LI, MA, MC, MX, PL, PT, RO, RU, SD, SI, SK, SM, US, YU
Oppasin®	registered trademark	BASF Aktiengesellschaft	AT, AU, BA, BX, CH, CZ, DE, EM, ES, FI, FR, GB, HR, HU, IE, IL, IT, LI, MC, NO, PT, SI, SK, SM, YU, ZA
Paliocrom®	registered trademark	BASF Aktiengesellschaft	AT, BA, BG, BR, BX, CH, CN, CZ, DE, EM, ES, FI, FR, GB, HR, HU, IE, IT, JP, KR, LI, MC, PT, RO, RU, SI, SK, SM, US, YU
Paliogen®	registered trademark	BASF Aktiengesellschaft	AU, BA, BR, CA, CH, CN, DE, DK, EG, EM, FI, GB, HR, IE, IN, IS, JP, LI, MA, MC, MX, NO, PE, PK, PY, RO, RU, SM, TN, TR, UA, US, VE, VN, YU, ZA, ZW
Paliotan®	registered trademark	BASF Aktiengesellschaft	AT, BA, BX, CH, CZ, DE, DK, ES, FR, GB, HR, HU, IE, IT, JP, LI, MC, PT, SI, SK, SM, US, YU
Paliotol®	registered trademark	BASF Aktiengesellschaft	AO, AR, AT, AU, BA, BR, BX, CA, CH, CN, CZ, DE, DK, DZ, EG, EM, ES, FI, FR, GB, HR, HU, IE, IT, JP, LI, MA, MC, MX, NO, PY, RO, RU, SE, SI, SK, SM, UA, VN, YU
Pigmosol®	registered trademark	BASF Aktiengesellschaft	AU, BA, BR, CA, CH, CN, DE, DK, DZ, EG, EM, HR, IE, IL, LI, MA, MC, MW, MY, NO, PK, PL, RO, RU, SD, SG, TN, US, VN, YU, ZA, ZW
Sico®	registered trademark	BASF Aktiengesellschaft	AT, AU, BA, BG, BR, BX, CH, CN, CZ, DE, DK, EM, ES, FR, GR, HR, HU, IT, KZ, LI, MC, MX, PT, PY, RO, RU, SI, SK, SM, TR, UA, US, YU, ZA
Sico®	registered trademark	BASF Coatings AG	PY
Sicocer®	registered trademark	BASF Aktiengesellschaft	BA, BG, BY, CH, DE, DZ, EG, EM, HR, IE, JP, KP, MA, MD, MK, NO, RO, RU, TN, TR, TW, UA, VN, YU
Sicocer®	registered trademark	BASF Coatings AG	ID, TR
Sicocer®	registered trademark	BASF Lacke + Farben AG	GB, IN, TH
Sicoflush®	registered trademark	BASF Aktiengesellschaft	AT, BX, CH, CN, DE, EM, FR, IT, JP, LI, MC, PT, SM, US
Sicoflush®	registered trademark	BASF Lacke + Farben AG	AO
Sicomín®	registered trademark	BASF Lacke + Farben AG	AO, GB
Sicomín®	registered trademark	BASF Aktiengesellschaft	AT, BA, BR, BX, CH, CL, CN, DE, DK, EM, ES, FR, HU, IE, IR, IT, LI, LK, MC, MX, PE, RU, SM, US, YU, ZA
Sicomín®	registered trademark	BASF Coatings AG	ID, PY
Sicomix®	registered trademark	BASF Aktiengesellschaft	AT, BA, BX, CH, CN, DE, EM, ES, FR, GR, IT, JP, LI, MC, RO, RU, SM, US, YU
Sicopal®	registered trademark	BASF Lacke + Farben AG	DE
Sicopal®	registered trademark	BASF Aktiengesellschaft	AT, BA, BG, BX, CH, CN, CU, DK, DZ, EM, ES, FR, HR, HU, IE, IT, JP, KP, LI, MA, MC, MN, PL, PT, RO, RU, SD, SI, SM, UA, US, VN, YU

trademark	type	owner	region
Sicotan®	registered trademark	BASF Aktiengesellschaft	AT, BA, BX, CH, CN, DE, DK, EM, ES, FR, HR, HU, IE, IT, JP, LI, MC, RU, SI, SK, SM, US, YU
Sicotan®	registered trademark	BASF Lacke + Farben AG	AO, GB
Sicotrans®	registered trademark	BASF Aktiengesellschaft	AT, BA, BX, CH, CN, CZ, DE, DK, ES, FR, GB, HR, HU, IE, IT, JP, LI, MC, MX, RU, SI, SK, SM, YU
Sicotrans®	registered trademark	BASF Coatings AG	PY
Thermoplast®	registered trademark	BASF Corporation	US
Trilon®	registered trademark	BASF Aktiengesellschaft	AO, AR, AU, BA, BD, BG, BR, BY, CA, CH, CL, CN, CO, CZ, DE, DZ, EC, EE, EG, EM, FI, GT, HR, HU, ID, IE, IL, IN, JP, KR, KZ, LB, LI, LT, LV, MA, MC, MK, MT, MX, NO, PE, PK, PL, RO, RU, SE, SI, SK, SM, TH, TR, UA, US, VE, VN, YU, ZA, ZW
Uvinul®	registered trademark	BASF Aktiengesellschaft	AR, AU, BA, BG, BR, CH, CL, CN, CO, CZ, DE, EM, HR, HU, IL, JP, LI, MC, MK, MX, NO, PL, PY, RO, RU, SI, SK, SM, TR, UY, VE, YU, ZA
Xfast®	registered trademark	BASF Aktiengesellschaft	AL, AT, AU, AZ, BA, BT, BX, BY, CA, CD, CH, CL, CN, CO, CU, CZ, DE, DK, DZ, EG, EM, ES, FI, FR, GB, HK, HR, HU, ID, IE, IL, JP, KE, KG, KP, KR, KZ, LI, LR, LS, LT, LV, MA, MC, MD, MG, MK, MN, MW, MY, MZ, NO, NZ, OA, PL, PY, RO, RU, SE, SG, SI, SK, SL, SM,

Information on trademark owners

This list names the beneficial owners of trademarks. Inasmuch as trademark registers may name legal owners other than those named above, titles to the trademarks have been transferred to the owners named above.

Safety

Please note the advice and information given in the material safety data sheets and observe the precautionary and workplace hygiene measures adequate for the handling and processing of chemicals. Material safety data sheets are available from our sales staff or through our eSolution channels.

Note

The data contained in this publication is based on our current knowledge and experience. In view of the many factors that may affect processing and application of our products, these data do not relieve processors from carrying out the own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the products for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights, etc. given herein may change without prior information and do not constitute the agreed contractual quality of the products. It is the responsibility of the recipient of our products to ensure that any proprietary rights and existing laws and legislation are observed.

Colorants for the coatings industry – pigments – organic pigments

Heliogen® pigments

copper phthalocyanine blue and green pigments (exception: Heliogen® Blue L 7460 is metal-free)

Letters following the numerical code denote special properties:

D = easily dispersible

F = resistant to flocculation

Products are distinguished by hue, color strength, chroma, transparency, dispersibility, flow properties and resistance to flocculation and bronzing.

product	Colour Index		chemical nature	suitable for			
	part 1	part 2		automotive coatings	industrial coatings	decorative coatings	wood coatings
Heliogen® Blue L 6700 F	Pigment Blue 15:6	74160	Cu phthalocyanine, epsilon	☒	☒	☒	☐
Heliogen® Blue L 6870	Pigment Blue 15:2	74160	Cu phthalocyanine, alpha stable	☐	☐	☒	☐
Heliogen® Blue L 6875 F	Pigment Blue 15:2	74160	Cu phthalocyanine, alpha stable	☒	☒	☒	☐
Heliogen® Blue L 6900	Pigment Blue 15:1	74160	Cu phthalocyanine, alpha stable	☒	☒	☒	☐
Heliogen® Blue L 6901 F	Pigment Blue 15:2	74160	Cu phthalocyanine, alpha stable	☒	☒	☒	☐
Heliogen® Blue L 6905 F	Pigment Blue 15:2	74160	Cu phthalocyanine, alpha stable	☒	☒	☒	☒
Heliogen® Blue L 6920	Pigment Blue 15:1	74160	Cu phthalocyanine, alpha stable	☐	☒	☒	☐
Heliogen® Blue L 6930	Pigment Blue 15:1	74160	Cu phthalocyanine, alpha stable	☒	☒	☐	☐
Heliogen® Blue L 6975 F	Pigment Blue 15:2	74160	Cu phthalocyanine, alpha stable	☒	☒	☐	☐
Heliogen® Blue L 6989 F	Pigment Blue 15:2	74160	Cu phthalocyanine, alpha stable	☒	☒	☐	☐
Heliogen® Blue L 7072 D	Pigment Blue 15:3	74160	Cu phthalocyanine, beta	☒	☒	☒	☐
Heliogen® Blue L 7080	Pigment Blue 15:3	74160	Cu phthalocyanine, beta	☒	☒	☒	☐
Heliogen® Blue L 7081 D	Pigment Blue 15:3	74160	Cu phthalocyanine, beta	☒	☒	☐	☐
Heliogen® Blue L 7085	Pigment Blue 15:3	74160	Cu phthalocyanine, beta	☐	☒	☒	☐

Colorants for the coatings industry – pigments – organic pigments

Heliogen® pigments

Heliogen® Blue L 7101 F	Pigment Blue 15:4	74160	Cu phthalocyanine, beta	☒	☒	☒	☒
Heliogen® Blue L 7460	Pigment Blue 16	74100	phthalocyanine, alpha	☒	☐	☐	☐
Heliogen® Green L 8605	Pigment Green 7	74260	Cu phthalocyanine, halogenated	☒	☒	☐	☐
Heliogen® Green L 8690	Pigment Green 7	74260	Cu phthalocyanine, halogenated	☒	☒	☐	☐
Heliogen® Green L 8730	Pigment Green 7	74260	Cu phthalocyanine, halogenated	☒	☒	☒	☒
Heliogen® Green L 8731	Pigment Green 7	74260	Cu phthalocyanine, halogenated	☐	☒	☐	☐
Heliogen® Green L 8735	Pigment Green 7	74260	Cu phthalocyanine, halogenated	☒	☒	☒	☐
Heliogen® Green L 9361	Pigment Green 36	74265	Cu phthalocyanine, halogenated	☒	☒	☒	☒
Heliogen® Blue L 6950	Pigment Blue 15:1	74160	Cu phthalocyanine, alpha stable	☐	☐	☐	☐

Colorants for the coatings industry – pigments – organic pigments

Paliogen® pigments

organic pigments of various chemical compositions with a high standard of fastness

Letters following the numerical code denote special properties:

F = resistant to flocculation

HD = good hiding power and easily dispersible

product	Colour Index		chemical nature	suitable for			
	part 1	part 2		automotive coatings	industrial coatings	decorative coatings	wood coatings
Paliogen® Black L 0086	Pigment Black 32	71133	perylene	☐	☒	☐	☐
Paliogen® Red L 3875	Pigment Red 179	71130	perylene	☒	☐	☐	☐
Paliogen® Red L 3880 HD	Pigment Red 178	71155	perylene	☒	☒	☐	☐
Paliogen® Red L 3885	Pigment Red 179	71130	perylene	☒	☐	☐	☐
Paliogen® Red L 3910 HD	Pigment Red 178	71155	perylene	☒	☒	☐	☐
Paliogen® Maroon L 3920	Pigment Red 179	71130	perylene	☒	☒	☒	☒
Paliogen® Maroon L 3980	Pigment Red 179	71130	perylene	☒	☐	☐	☐
Paliogen® Red L 4120	Pigment Red 179	71130	perylene	☒	☒	☒	☐
Paliogen® Blue L 6360	Pigment Blue 60	69800	indanthrone blue	☒	☒	☐	☐
Paliogen® Blue L 6385	Pigment Blue 60	69800	indanthrone blue	☒	☒	☐	☐
Paliogen® Blue L 6470	Pigment Blue 60	69800	indanthrone blue	☒	☒	☒	☐
Paliogen® Blue L 6480	Pigment Blue 60	69800	indanthrone blue	☒	☐	☐	☐
Paliogen® Blue L 6482	Pigment Blue 60	69800	indanthrone blue	☒	☐	☐	☐
Paliogen® Blue L 6495 F	Pigment Blue 60	69800	indanthrone blue	☒	☒	☐	☐

Colorants for the coatings industry – pigments – organic pigments

Paliotol® pigments

organic pigments of various chemical compositions with good to very good fastness properties in many applications

Letters following the numerical code denote special properties:

HD = good hiding power and easily dispersible

product	Colour Index		chemical nature	suitable for			
	part 1	part 2		automotive coatings	industrial coatings	decorative coatings	wood coatings
Paliotol® Black L 0080	Pigment Black 1	50440	aniline black	☐	☒	☐	☒
Paliotol® Yellow L 0960 HD	Pigment Yellow 138	56300	quinophthalone yellow	☐	☒	☒	☒
Paliotol® Yellow L 0962 HD	Pigment Yellow 138	56300	quinophthalone yellow	☒	☒	☒	☒
Paliotol® Yellow L 1060	Pigment Yellow 151	13980	monoazo	☐	☒	☐	☐
Paliotol® Yellow L 1155	Pigment Yellow 185	56290	isoindoline yellow	☐	☒	☐	☐
Paliotol® Yellow L 1772	Pigment Yellow 153	48545	nickel complex	☐	☒	☒	☒
Paliotol® Yellow L 1820	Pigment Yellow 139	56298	isoindoline yellow	☐	☒	☒	☒
Paliotol® Yellow L 1970	Pigment Yellow 139	56298	isoindoline yellow	☐	☒	☒	☒
Paliotol® Yellow L 2140 HD	Pigment Yellow 139	56298	isoindoline yellow	☒	☒	☒	☒
Paliotol® Yellow L 2146 HD	Pigment Yellow 139	56298	isoindoline yellow	☒	☒	☒	☒
Paliotol® Orange L 2930 HD	Pigment Orange 67	12915	pyrazolo quinazolone	☐	☒	☒	☒

Colorants for the coatings industry – pigments – organic pigments

Sico® pigments

economical organic pigments (Azopigmente) with a moderate standard of fastness, “Fast” in the product name denotes better fastness to solvents and overcoating compared to other grades

product	Colour Index		chemical nature	suitable for			
	part 1	part 2		automotive coatings	industrial coatings	decorative coatings	wood coatings
Sico® Yellow FR 1252	Pigment Yellow 74	11741	arylide yellow	☐	☒	☒	☒
Sico® Red L 3750	Pigment Red 3	12120	toluidine red	☐	☒	☒	☒
Sico® Fast Red L 3855	Pigment Red 112	12370	Naphthol AS red	☐	☒	☒	☒

Colorants for the coatings industry – pigments – organic pigments

Lithol® pigments

economical organic pigments (metal salts of azo dyes), some of which with a medium fastness profile

Mostly manganese lakes are used because of their better fastness to light and weathering.

product	Colour Index		chemical nature	suitable for			
	part 1	part 2		automotive coatings	industrial coatings	decorative coatings	wood coatings
Lithol® Fast Scarlet L 4300	Pigment Red 48:4	15865:4	BON red 2 B, Mn lake	☐	☒	☒	☒
Lithol® Fast Maroon L 4763	Pigment Red 52:2	15860:2	BON maroon, Mn lake	☐	☒	☒	☒

Colorants for the coatings industry – pigments – inorganic pigments

Sicomín® pigments

chrome yellow and molybdate orange pigments for high-grade industrial and automotive coatings

XX22 series: medium fastness properties but high chroma

XX25 series: highly stabilized, they meet the most stringent requirements for fastness to light and weathering

XX30 S series: not only extremely fast to light and weathering but also resistant to aggressive industrial gases and dilute mineral acids

XX35 S series: maximum fastness to light and weathering and resistant to industrial gases and dilute mineral acids; particularly low content of lead compounds soluble in hydrochloric acid

Type U: low content of lead compounds soluble in hydrochloric acid; economic alternative to the XX35 S series with somewhat lower fastness properties, application properties compare to those of the corresponding standard grades

Please note the restrictions imposed on the use of lead pigments in many countries.

product	Colour Index		chemical nature	suitable for			
	part 1	part 2		automotive coatings	industrial coatings	decorative coatings	wood coatings
Sicomín® Yellow L 1425	Pigment Yellow 34	77603	lead chromate	☐	☒	☐	☐
Sicomín® Yellow L 1522	Pigment Yellow 34	77603	lead chromate	☐	☒	☐	☐
Sicomín® Yellow L 1622	Pigment Yellow 34	77603	lead chromate	☐	☒	☐	☐
Sicomín® Yellow L 1622 Typ U	Pigment Yellow 34	77603	lead chromate	☐	☒	☐	☐
Sicomín® Yellow L 1625	Pigment Yellow 34	77603	lead chromate	☐	☒	☐	☐
Sicomín® Yellow L 1630 S	Pigment Yellow 34	77603	lead chromate	☒	☒	☐	☐
Sicomín® Yellow L 1635 S	Pigment Yellow 34	77603	lead chromate	☒	☒	☐	☐
Sicomín® Yellow L 1835 S	Pigment Yellow 34	77603	lead chromate	☒	☒	☐	☐
Sicomín® Yellow L 1922	Pigment Yellow 34	77603	lead chromate	☐	☒	☐	☐
Sicomín® Yellow L 1922 Typ U	Pigment Yellow 34	77603	lead chromate	☐	☒	☐	☐
Sicomín® Yellow L 1925	Pigment Yellow 34	77603	lead chromate	☐	☒	☐	☐

Colorants for the coatings industry – pigments – inorganic pigments

Sicomín® pigments

Sicomín® Yellow L 2135 S	Pigment Yellow 34	77603	lead chromate	☒	☒	☐	☐
Sicomín® Red L 2922	Pigment Red 104	77605	lead chromate/lead molybdate	☐	☒	☐	☐
Sicomín® Red L 3025	Pigment Red 104	77605	lead chromate/lead molybdate	☐	☒	☐	☐
Sicomín® Red L 3025 Typ U	Pigment Red 104	77605	lead chromate/lead molybdate	☐	☒	☐	☐
Sicomín® Red L 3030 S	Pigment Red 104	77605	lead chromate/lead molybdate	☒	☒	☐	☐
Sicomín® Red L 3035 S	Pigment Red 104	77605	lead chromate/lead molybdate	☒	☒	☐	☐
Sicomín® Red L 3125	Pigment Red 104	77605	lead chromate/lead molybdate	☐	☒	☐	☐
Sicomín® Red L 3125 Typ U	Pigment Red 104	77605	lead chromate/lead molybdate	☐	☒	☐	☐
Sicomín® Red L 3130 S	Pigment Red 104	77605	lead chromate/lead molybdate	☒	☒	☐	☐
Sicomín® Red L 3135 S	Pigment Red 104	77605	lead chromate/lead molybdate	☒	☒	☐	☐
Sicomín® Red L 3230 S	Pigment Red 104	77605	lead chromate/lead molybdate	☒	☒	☐	☐
Sicomín® Red L 3330 S	Pigment Red 104	77605	lead chromate/lead molybdate	☒	☒	☐	☐

Colorants for the coatings industry – pigments – inorganic pigments

Sicopal® pigments

lead- and chromate-free inorganic pigments with good gloss and hiding power; outstandingly suitable for automotive (OEM and refinish) and high-grade industrial finishes; optimum fastness to weathering both in pure shade and when highly reduced with white

physical form: powder or fine granules (suffix “FG”)

product	Colour Index		chemical nature	suitable for			
	part 1	part 2		automotive coatings	industrial coatings	decorative coatings	wood coatings
Sicopal® Yellow L 1100	Pigment Yellow 184	771740	bismuth vanadate	☒	☒	☒	☐
Sicopal® Yellow L 1110	Pigment Yellow 184	771740	bismuth vanadate	☒	☒	☒	☐
Sicopal® Yellow L 1120	Pigment Yellow 184	771740	bismuth vanadate	☒	☒	☒	☐
Sicopal® Yellow L 1600	Pigment Yellow 184	771740	bismuth vanadate	☒	☒	☒	☐

Colorants for the coatings industry – pigments – inorganic pigments

Sicotan® pigments

complex inorganic chromatic pigments with rutile structure (nickel, manganese and chromium titanium yellow), excellent fastness to light, weathering and chemicals and very good thermal stability even in white reductions (pastel shades)

In combination with organic pigments, they produce economic yellow, orange and red shades with good hiding power. For high-gloss baking finishes, we particularly recommend Sicotan® Yellow L 1912.

physical form: powder or fine granules (suffix “FG”)

product	Colour Index		chemical nature	suitable for			
	part 1	part 2		automotive coatings	industrial coatings	decorative coatings	wood coatings
Sicotan® Yellow L 1010	Pigment Yellow 53	77788	Ni/Sb/Ti oxide	☒	☒	☐	☐
Sicotan® Yellow L 1011	Pigment Yellow 53	77788	Ni/Sb/Ti oxide	☐	☒	☐	☐
Sicotan® Yellow L 1012	Pigment Yellow 53	77788	Ni/Sb/Ti oxide	☒	☒	☒	☒
Sicotan® Yellow L 1910	Pigment Brown 24	77310	Cr/Sb/Ti oxide	☒	☒	☐	☐
Sicotan® Yellow L 1912	Pigment Brown 24	77310	Cr/Sb/Ti oxide	☒	☒	☒	☒
Sicotan® Yellow L 2010	Pigment Brown 24	77310	Cr/Sb/Ti oxide	☒	☒	☐	☐
Sicotan® Yellow L 2011	Pigment Brown 24	77310	Cr/Sb/Ti oxide	☐	☒	☐	☐
Sicotan® Yellow L 2107	Pigment Brown 24	77310	Cr/Sb/Ti oxide	☐	☒	☐	☐
Sicotan® Yellow L 2110	Pigment Brown 24	77310	Cr/Sb/Ti oxide	☐	☒	☒	☐

Colorants for the coatings industry – pigments – inorganic pigments

Sicotrans® pigments

transparent iron oxide pigments with extremely low particle size for coatings and plastics coloration (e. g., wood varnish stains for outdoor use and automotive effect paints) – good absorption of UV radiation yields additional protection of substrate and binder

The suffix "D" following the numerical code denotes good dispersibility and an extremely low electrolyte content. Grades with numerical codes XX16 and XX18 grades are ideal for water-based systems.

product	Colour Index		chemical nature	suitable for			
	part 1	part 2		automotive coatings	industrial coatings	decorative coatings	wood coatings
Sicotrans® Yellow L 1915	Pigment Yellow 42	77492	iron oxide hydrate, transparent	☐	☐	☐	☒
Sicotrans® Yellow L 1916	Pigment Yellow 42	77492 (transparent)	iron oxide hydrate, transparent	☒	☒	☒	☒
Sicotrans® Orange L 2416			iron[III] oxide/iron oxide hydrate	☐	☐	☒	☒
Sicotrans® Red L 2715 D	Pigment Red 101	77491	iron[III] oxide, transparent	☐	☒	☒	☒
Sicotrans® Red L 2816	Pigment Red 101	77491	iron[III] oxide, transparent	☒	☒	☒	☒
Sicotrans® Red L 2817	Pigment Red 101	77491 (transparent)	iron[III] oxide, transparent	☒	☒	☒	☒
Sicotrans® Red L 2818	Pigment Red 101	77491	iron[III] oxide, transparent	☒	☐	☐	☒
Sicotrans® Red L 2915 D	Pigment Red 101	77491	iron[III] oxide, semi-transparent	☐	☒	☒	☒

Colorants for the coatings industry – pigments – Stir-in pigments

Xfast® stir-in pigments

Xfast® stir-in pigments are free-flowing, low-dusting granules that can be stirred directly into aqueous coating formulations. No laborious dispersion of powder pigments is required. Xfast® stir-in pigments therefore combine the advantages of powder pigments and pigment preparations.

fields of application: Xfast® stir-in pigments can be used in all water-based coating systems.

physical form: free-flowing low-dusting granules

product	Colour Index		chemical nature
	part 1	part 2	
Xfast® White EH 0299 (0025)	Pigment White 6	77891	titanium dioxide, rutile
Xfast® Black ED 7892 (0050)	Pigment Black 11	77499	iron[II]/iron[III] oxide
Xfast® Black EH 0249 (0060)	Pigment Black 7	77266	carbon black
Xfast® Black 0066	Pigment Black 7	77266	carbon black
Xfast® Black ED 7950 (0084)	Pigment Black 31	71132	perylene
Xfast® Yellow 0962	Pigment Yellow 138	56300	quinophthalone yellow
Xfast® Yellow EH 0292 (1102)	Pigment Yellow 184	771740	bismuth vanadate
Xfast® Yellow 1256	Pigment Yellow 74	11741	arylide yellow
Xfast® Yellow 1916	Pigment Yellow 42	77492 (transparent)	iron oxide hydrate, transparent
Xfast® Yellow 1990	Pigment Yellow 42	77492	iron oxide hydrate, opaque
Xfast® Red 2817	Pigment Red 101	77491 (transparent)	iron[III] oxide, transparent
Xfast® Brown 2915	Pigment Red 101	77491 (transparent)	iron[III] oxide, transparent
Xfast® Orange 2930	Pigment Orange 67	12915	pyrazolo quinazolone
Xfast® Orange EH 0397 (3100)	Pigment Orange 73		diketo-pyrrolo-pyrrole
Xfast® Red EH 0273 (3390)	Pigment Red 101	77491	iron[III] oxide, opaque
Xfast® Red 3855	Pigment Red 112	12370	Naphthol AS red
Xfast® Red 3860	Pigment Red 254	56110	diketo-pyrrolo-pyrrole
Xfast® Magenta 4790	Pigment Red 122	73915	quinacridone
Xfast® Violet 5894	Pigment Violet 23	51319	dioxazine violet
Xfast® Blue ED 7905 (6310)	Pigment Blue 28	77346	Co/Al oxide

Colorants for the coatings industry – pigments – Stir-in pigments

Xfast® stir-in pigments

Xfast® Blue 6875	Pigment Blue 15:2	74160	Cu phthalocyanine, alpha stable
Xfast® Blue 7080	Pigment Blue 15:3	74160	Cu phthalocyanine, beta
Xfast® Green 8730	Pigment Green 7	74260	Cu phthalocyanine, halogenated
Xfast® Green ED 7995 (9990)	Pigment Green 17	77288	chromium[III] oxide

Colorants for the coatings industry – pigments – Effect pigments

Paliocrom® effect pigments

lamellar effect pigments of various chemical structures for effect coatings for vehicles, industry and construction

Paliocrom® pigments are supplied as pastes in mineral spirit. Special characteristics are high chroma, very good hiding power and high cost effectiveness. Combinations with other chromatic pigments open up styling opportunities across the whole color spectrum. Attractive effect coatings can be formulated, especially in the yellow-orange-red-brown range, which were previously impossible due to poor hiding power.

The Paliocrom® pigments were developed for solvent-based systems and are not suitable for aqueous systems unless stabilized further by the user.

product	chemical nature	suitable for			
		automotive coatings	industrial coatings	decorative coatings	wood coatings
Paliocrom® Gold L 2000	aluminum, coated with iron oxide, approx. 65 % in mineral spirit	✓	✓	✓	✓
Paliocrom® Gold L 2020	aluminum, coated with iron oxide, approx. 65 % in mineral spirit	✓	✓	✓	✓
Paliocrom® Orange L 2800	aluminum, coated with iron oxide, approx. 65 % in mineral spirit	✓	✓	✓	✓
Paliocrom® Sparkling Red L 3505	aluminum, coated with iron oxide, approx. 82.5 % in mineral spirit	✓	✓	✓	✓

Colorants for the coatings industry – pigments – Effect pigments

Mearlin® pearlescent pigments

Mearlin® pearlescent pigments are mica platelets coated with titanium dioxide and/or iron oxide that provide both color and exciting visual effects to a variety of coatings, plastics and printing ink applications.

These unique BASF luster pigments are transparent and reflect light because of their smooth surfaces and high index of refraction. Light reflected from the platelets creates a sense of depth and a luster that varies with particle size – smaller particles impart a satin sheen while larger particles create a more sparkly or glitter-like effect. Some Mearlin® special effect pigments have a multiple color play and dynamic color travel or "flop" in which the color changes with the viewing angle. Although these pigments are non-metallic, they can give finishes a metallic look. And all Mearlin® pigments are totally non-reactive and nontoxic.

Mearlin luster pigments for exterior use are engineered using BASF's proprietary CFS chrome-free surface treatment to improve adhesion and resistance to humidity in water-based coatings and chip resistance in solvent-based coatings. This makes them ideal for automotive coating applications and other outdoor uses, such as on lawn and garden furniture and outdoor appliances.

product	chemical nature
Mearlin® CFS Bright Silver 1303Z	
Mearlin® Micro White 139M	
Mearlin® Bright White 139X	
Mearlin® Bright Silver 139Z	
Mearlin® CFS Micro Gold 2303M	
Mearlin® CFS Super Gold 2303Z	
Mearlin® CFS Fine Brass 2323V	
Mearlin® Fine Brass 2329V	
Mearlin® Super Brass 2329Z	
Mearlin® Fine Gold 239V	
Mearlin® Bright Gold 239X	
Mearlin® Super Gold 239Z	
Mearlin® Bright Bronze 249X	
Mearlin® CFS Micro Bronze 2503M	
Mearlin® CFS Fine Bronze 2503V	

Colorants for the coatings industry – pigments – Effect pigments

Mearlin® pearlescent pigments

Mearlin® Super Bronze 259Z
Mearlin® CFS Micro Brass 2623M
Mearlin® CFS Fine Orange 3303V
Mearlin® CFS Super Orange 3303Z
Mearlin® Bright Orange 3339X
Mearlin® Hi-Lite Orange 339X
Mearlin® Super Orange 339Z
Mearlin® Bright Copper 349X
Mearlin® CFS Micro Copper 3503M
Mearlin® CFS Super Copper 3503Z
Mearlin® Fine Copper 359V
Mearlin® Super Copper 359Z
Mearlin® CFS Fine Red 4303V
Mearlin® CFS Super Red 4303Z
Mearlin® Hi-Lite Red 439X
Mearlin® Super Red 439Z
Mearlin® CFS Micro Russet 4503M
Mearlin® CFS Super Russet 4503Z
Mearlin® Fine Russet 459V
Mearlin® Super Russet 459Z
Mearlin® CFS Fine Violet 5303V
Mearlin® CFS Super Violet 5303Z
Mearlin® Fine Violet 539V
Mearlin® Hi-Lite Violet 539X
Mearlin® Super Violet 539Z
Mearlin® CFS Micro Blue 6303M
Mearlin® CFS Super Blue 6303Z
Mearlin® Fine Blue 639V

Colorants for the coatings industry – pigments – Effect pigments

Mearlin® pearlescent pigments

Mearlin® Hi-Lite Blue 639X

Mearlin® Super Blue 639Z

Mearlin® Blue Russet 659Z

Mearlin® Blue Green 7289Z

Mearlin® Bright Green 8289X

Mearlin® CFS Micro Green 8303M

Mearlin® CFS Super Green 8303Z

Mearlin® Fine Green 839V

Mearlin® Super Green 839Z

Mearlin® Satin White 9130 F

Mearlin® Micro Russet 9150M

Mearlin® Sparkle Gold 9220J

Mearlin® Sparkle Brass 9222J

Mearlin® Super Brass 9232Z

Mearlin® Sparkle Bronze 9250J

Mearlin® Super Bronze 9250Z

Mearlin® Mica Gold 9260M

Mearlin® Micro Brass 9262M

Mearlin® Super Sparkle 9320J

Mearlin® Super Orange 9330Z

Mearlin® Sparkle Copper 9350J

Mearlin® Micro Copper 9350M

Mearlin® Super Copper 9350Z

Mearlin® Sparkle Red 9420J

Mearlin® Sparkle Russet 9450J

Mearlin® Super Russet 9450Z

Mearlin® Sparkle Violet 9520J

Mearlin® Super Violet 9530Z

Colorants for the coatings industry – pigments – Effect pigments

Mearlin® pearlescent pigments

Mearlin® Sparkle Blue 9620J

Mearlin® Super Blue Russet 9650Z

Mearlin® Micro Blue 9660M

Mearlin® Sparkle Green 9820J

Mearlin® Micro Green 9860M

Colorants for the coatings industry – pigments – Effect pigments

MagnaPearl® effect pigments

MagnaPearl® pearlescent pigments are specially engineered to deliver superior whiteness, brilliance and hiding. Available in a variety of particle sizes, they create extraordinary optical effects ranging from a fine-grained luster to a bold silvery-white sparkle.

Made of mica platelets coated with titanium dioxide, MagnaPearl® pigments are free of solvents and heavy metals. The MagnaPearl® 1000, 2000, 3000, 4000 and 5000 series include grades coated with titanium dioxide crystals in either anatase or rutile form. Grades containing rutile crystals tend to have higher luster, coverage and whiteness, while grades containing anatase crystals are free of tin. Surface-treated MagnaPearl® pigments are available to prevent yellowing in plastics applications.

MagnaPearl® pigments for exterior use are engineered using BASF's proprietary CFS chrome-free surface treatment to improve adhesion and resistance to humidity in water-based coatings and chip resistance in solvent-based coatings. This makes them ideal for automotive coating applications and other outdoor uses, such as on lawn and garden furniture and outdoor appliances.

product	chemical nature
MagnaPearl® 1100	
MagnaPearl® 4000	
MagnaPearl® 5000	
MagnaPearl® 1000	
MagnaPearl® CFS 1103	
MagnaPearl® 2000	
MagnaPearl® 2100	
MagnaPearl® CFS 2103	
MagnaPearl® 2300	
MagnaPearl® 3000	
MagnaPearl® 3100	
MagnaPearl® CFS 3103	

Colorants for the coatings industry – pigments – Effect pigments

MicroPearl effect pigments

MicroPearl mica-based effect pigments offer the depth of conventional pearlescent finishes and the texture of solid colors. Due to their very fine particle size distribution, MicroPearl pigments provide increased hiding in coating and ink applications.

Available in a broad color palette, MicroPearl pigments come in two main product categories: coated with titanium dioxide to create a subtle two-tone effect that changes with the viewing angle, or coated with iron oxide for a metallic appearance.

Exterior grades, CFS-treated, are available.

Colorants for the coatings industry – pigments – Effect pigments

Black Olive™ effect pigment

Black Olive™ pigment is a black, mica-based effect pigment with champagne undertones. This revolutionary product actually extends the range of absorption colors possible with mica-based pigments to brown-black shades.

Until now, only green, pale gold and russet-red absorption colors have been available. Black Olive™ pigment's unique brown-black color space makes it ideal for shading neutral colors, helping make gun metals and silvers and adding an unusually bright face to dark-shade metallic colors.

Black Olive™ also can be used in conjunction with other special effect pigments to extend the palette of effects.

Black Olive™ pigment can be used in many diverse interior coatings, plastics and ink applications, including:

- molded-in plastic or coatings for electronic equipment
- appliances
- sporting goods and packaging
- specialty decorative coatings and inks
- coatings and inks for leather goods
- solid-surface applications (i.e., countertops and flooring)

Based on a unique chemistry that produces a black, lustrous, pearlescent finish, Black Olive™ pigment adds depth and luster to water-based, solvent-based and powder coatings. And given its unique color space, Black Olive™ pigment can create novel effects in molded plastic products.

Black Olive™ pigment for exterior use is engineered using BASF's proprietary CFS chrome-free surface treatment to improve adhesion and resistance to humidity in water-based coatings and chip resistance in solvent-based coatings. This makes it ideal for automotive coating applications and other outdoor uses, such as on lawn and garden furniture and outdoor appliances.

product	chemical nature
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Black Olive™ 90C0Z	
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Colorants for the coatings industry – pigments – Effect pigments

Firemist® effect pigments

Firemist® patented borosilicate-based pigments bring products to life with brilliant color and glittering effects. These advanced pigments, which create an exceptionally high visual impact, are specially formulated to out-perform traditional pearlescent pigments in chroma, color purity, brightness, transparency and reflectivity.

Firemist® pigments give designers and formulators a spectrum of advanced optical effects to work with.

For example, their smooth surface and larger particle size create a brilliant, starlike glitter, and blends of Firemist® pigments create true multicolor effects (individual colors come through because the pigments' exceptional transparency and chroma overcome the addition effects that gray-out normal pearls). Firemist® pigments also enhance the feeling of depth in coatings and plastics applications beyond that possible with mica-based pearls, because the borosilicate flakes promote light penetration. They are ideal for automotive trim applications such as powder coatings or plastic and leather coatings, and can be used in many other applications as well.

Firemist® pigments match the color palette of other pearls and work well with transparent organic colorants because of their flakes' high transparency. They also are approved for food contact, making them ideal for food packaging applications.

product	chemical nature
Firemist® Pearl 9G130L	
Firemist® Gold 9G230L	
Firemist® Red 9G430L	
Firemist® Violet 9G530L	
Firemist® Blue 9G630L	
Firemist® Turquoise 9G730L	
Firemist® Green 9G830L	

Colorants for the coatings industry – pigments – Effect pigments

Lumina® effect pigments

Lumina® pigments are mica-based effect pigments that create intriguing and dramatic visual effects in a wide variety of applications.

Lumina® colors feature increased chromaticity at the reflection angle and higher color purity and clarity than traditional interference colors. The result is cleaner shades, more saturated colors and stronger flip-flop effects in coatings, plastics and inks.

For example, in solvent- and water-based coating applications, Lumina® pigments' enhanced reflection creates the look of a three-coat effect in only two coats. Lumina® pigments enhance labels for luxury packaging and other luxury products. And in plastics applications, including injection molding, blow molding and extrusion processing, Lumina® pigments create multi-optical effects when combined with other effect or color pigments.

Lumina® pigments for exterior use are engineered using BASF's proprietary CFS chrome-free surface treatment to improve adhesion and resistance to humidity in water-based coatings and chip resistance in solvent-based coatings. This makes them ideal for automotive coating applications and other outdoor uses, such as on lawn and garden furniture and outdoor appliances.

Like other mica-based effect pigments, all Lumina® pigments are non-reactive, non-metallic and non-tarnishing.

product	chemical nature
Lumina® Gold 9130D	
Lumina® Brass 9232D	
Lumina® Copper 9350D	
Lumina® Russet 9450D	
Lumina® Red Blue 9830D	
Lumina® Aqua Blue 9A30D	
Lumina® Green 9G30D	
Lumina® Red 9R30D	
Lumina® Turquoise 9T30D	

Colorants for the coatings industry – pigments – Effect pigments

Mearlite® effect pigments

Mearlite® luster pigments impart a range of optical effects from a soft, satin luster to a sharp, metallic brilliance in plastics, coatings and inks. These effects are due to plate-like crystals of bismuth oxychloride that have a silver-white and transparent appearance.

Mearlite® pigments are available as dispersions in a variety of vehicles (e.g., alkyd, acrylic and cellulose nitrate) compatible with dip or spray coatings, inks and plastics resin systems. When used alone in spray coatings, Mearlite® pigments create a simulated pearl finish. When used as a reflective surface under transparent color coatings, they provide a candy apple effect. Mearlite® pigments also can create intense, lustrous colors when combined with organic pigments or dyes.

Mearlite® Ultra Bright grade provides the highest brilliance of any synthetic pearlescent pigment. It is the most widely used Mearlite® grade for coatings, inks and polyester castings.

Mearlite® Radiant Pearl combines the brilliance of Ultra Bright pigments with a surface treatment to reduce darkening by ultraviolet light. When formulated with UV absorbers, this grade is well-suited for exterior coatings.

Mearlite® Ultra Fine balances high luster and small particle size for use where larger pearlescent pigments cannot be applied.

product	chemical nature
Mearlite® Radiant Pearl SSQ	
Mearlite® Ultra Bright	
Mearlite® Ultra Fine	

Colorants for the coatings industry – pigments – Effect pigments

Dynacolor® effect pigments

Dynacolor® pearlescent pigments are specially engineered to add dramatic visual effects and a high degree of color purity and intensity coatings, printing inks and plastics.

As interference-type pigments, Dynacolor® grades exhibit a two-color play. The interference color occurs at the specular angle, while the absorption appears at the flop angle or diffuse angle. This effect is especially desirable in coating finishes when simulating a three-coat effect with only two coats.

In addition to their attractive appearance, Dynacolor® pigments also offer important production benefits such as ease of dispersion and reduced color bleed and migration. With the colorant already deposited on the pigment substrate, there is no need to add it separately. The constant colorant-to-particle ratio also promotes more predictable end-use results.

BASF offers many Dynacolor® pigments for a wide variety of dramatic effects. Dynacolor® exterior pigments are chemically treated to maximize their durability in outdoor applications.

product	chemical nature
Dynacolor® Exterior BY-B 239ZB15AA	
Dynacolor® Exterior GY 239ZG7A	
Dynacolor® Exterior BB 639ZB15C	
Dynacolor® Exterior BG 839ZB15A	
Dynacolor® BY-B 9239ZB15AA	
Dynacolor® GY 9239ZG7A	
Dynacolor® BB 9639ZB15C	

Colorants for the coatings industry – pigments – Effect pigments

Cyclo® effect pigments

Cyclo® pigments are mica-based effect pigments designed specifically to work with powder coatings, which are used for appliances, architecture and building applications.

Cyclo® pigments are engineered to improve application properties. Because of reduced build-up of pearl pigment on spray gun tips, Cyclo® pigments allow formulators to raise the amount of pearl in powder coating formulations. This offers more flexibility to formulators attempting to match the appearance of liquid coatings, which typically contain higher levels of pearl pigments.

Colorants for the coatings industry – pigments – Hybrid pigments

Palio® pigments

hybrid pigments based on inorganic and organic components, developed with the goal to combine chroma, hiding power and resistance to weathering in one pigments; fields of application are high-grade industrial paints such as coil and powder coatings as well as vehicle coatings for buses and large-capacity vehicles

Its high color strength and good hiding power make Palio® Yellow L 1145 particularly suitable for use in mixing systems.

product	chemical nature	suitable for			
		automotive coatings	industrial coatings	decorative coatings	wood coatings
Palio® Yellow L 1135	hybrid pigment	☐	☒	☒	☒
Palio® Yellow L 1145	hybrid pigment	☒	☒	☒	☒
Palio® Yellow L 1240	hybrid pigment	☐	☒	☒	☒
Palio® Yellow L 1645	hybrid pigment	☒	☒	☒	☒
Palio® Yellow L 1945	hybrid pigment	☒	☒	☒	☒
Palio® Yellow L 2045	hybrid pigment	☒	☒	☒	☒
Palio® Yellow L 2145 H	hybrid pigment	☒	☒	☒	☒
Palio® Orange L 2935	hybrid pigment	☐	☒	☒	☒
Palio® Red L 3735	hybrid pigment	☐	☒	☒	☒
Palio® Red L 3745	hybrid pigment	☒	☒	☒	☐

Colorants for the coatings industry – pigments – pigment blends

Sicomix® IR pigment blends

blends of organic and inorganic pigments, both for liquid and powder coatings, with special reflection properties in the infrared range

Sicomix® IR pigment blends are extraordinarily homogenized. Thus

- pigment separation can be avoided
- changes of shade influenced by the dispersing process are avoided to the farthest possible extent.

Please note that these pigment blends as well as any products based on them may be subject to export restrictions.

physical form: powder

product	chemical nature	suitable for			
		automotive coatings	industrial coatings	decorative coatings	wood coatings
Sicomix® IR Brown 24-0040	IR-remitting, Germany RAL 8027-F9	☐	☒	☐	☐
Sicomix® IR Green 97-0190	IR-remitting, Norway MGF 70/MGK 93	☐	☒	☐	☐
Sicomix® IR Green 98-0510	IR-remitting, USA Green 383	☐	☒	☐	☐
Sicomix® IR Bronze Green 98-0560	IR-remitting, Germany RAL 6031-F9	☐	☒	☐	☐
Sicomix® IR Green 98-0970	IR-remitting, NATO Stanag 2338	☐	☒	☐	☐
Sicomix® IR Green 99-1330	IR-remitting, Germany RAL 6014-F9	☐	☒	☐	☐
Sicomix® IR Green 99-1460	IR-remitting, Denmark SK 80	☐	☒	☐	☐
Sicomix® IR Gray Olive 99-1630	IR-remitting, Austria RAL 7013	☐	☒	☐	☐

Colorants for the coatings industry – pigments – pigment blends

Sicomix® IR K pigment blends for special applications

blends of organic and inorganic pigments, for applications other than coatings, with special reflection properties in the infrared range

- Sicomix® IR K pigment blends are extraordinarily homogenized. Thus
- pigment separation can be avoided
 - changes of shade influenced by the dispersing process are avoided to the farthest possible extent.

Please note that these pigment blends as well as any products based on them may be subject to export restrictions.

physical form: powder

product	chemical nature	suitable for			
		automotive coatings	industrial coatings	decorative coatings	wood coatings
Sicomix® IR Olive K 99-0550	IR-remitting, Austria RAL 7013	☐	☒	☐	☐
Sicomix® IR Bronze Green K 98-1240	IR-remitting, Germany RAL 6031-F9	☐	☒	☐	☐
Sicomix® IR Green K 99-1670	IR-remitting, NATO Stanag 2338	☐	☒	☐	☐
Sicomix® IR Green K 99-2290	IR-remitting, Germany RAL 6014-F9	☐	☒	☐	☐

Colorants for the coatings industry – pigment preparations – aqueous preparations

Luconyl® preparations

aqueous free-flowing preparations of organic and inorganic pigments with a non-ionic dispersing agent (grades based on transparent iron oxides with anionic dispersing agents)

Main applications are emulsion paints, gloss emulsion paints, full-tone paints and stainers based on aqueous binders, water-thinnable paints, textured finishes, whitewashes and distempers, coatings for wallpaper and colored papers as well as aqueous wood glazes.

product	Colour Index		chemical nature
	part 1	part 2	
Luconyl® White 0022	Pigment White 6	77891	titanium dioxide, rutile
Luconyl® Black 0060	Pigment Black 7	77266	carbon black
Luconyl® Black 0066	Pigment Black 7	77266	carbon black
Luconyl® Yellow 1100	Pigment Yellow 184	771740	bismuth vanadate
Luconyl® Yellow 1250	Pigment Yellow 1	11680	arylide yellow
Luconyl® Yellow 1252	Pigment Yellow 74	11741	arylide yellow
Luconyl® Yellow 1770	Pigment Yellow 153	48545	nickel complex
Luconyl® Yellow 1916	Pigment Yellow 42	77492 (transparent)	iron oxide hydrate, transparent
Luconyl® Yellow 1995	Pigment Yellow 42	77492	iron oxide hydrate, opaque
Luconyl® Orange 2416			iron[III] oxide/iron oxide hydrate
Luconyl® Red 2817	Pigment Red 101	77491 (transparent)	iron[III] oxide, transparent
Luconyl® Brown 2915	Pigment Red 101	77491	iron[III] oxide, semi-transparent
Luconyl® Orange 3053	Pigment Orange 5	12075	Naphthol orange
Luconyl® Red 3396	Pigment Red 101	77491	iron[III] oxide, opaque
Luconyl® Red 3855	Pigment Red 112	12370	Naphthol AS red
Luconyl® Violet 5894	Pigment Violet 23	51319	dioxazine violet
Luconyl® Blue 6900	Pigment Blue 15:1	74160	Cu phthalocyanine, alpha stable
Luconyl® Blue 7080	Pigment Blue 15:3	74160	Cu phthalocyanine, beta
Luconyl® Green 8730	Pigment Green 7	74260	Cu phthalocyanine, halogenated
Luconyl® Green 9360	Pigment Green 36	74265	Cu phthalocyanine, halogenated

Colorants for the coatings industry – pigment preparations – aqueous preparations

Luconyl® NG preparations

With a complete product portfolio, Luconyl® NG offers a new water-based system for the decorating segment and represents a further technological development of the Luconyl® G and Luconyl® E ranges. During development, attention was paid to customers' current requirements concerning environmental protection and labeling exemption, the products are VOC- and APEO-free. This product range satisfies our customers' demand for high and constantly increasing environmental standards. Luconyl® NG has optimized stabilization, so there is less tendency to sedimentation. Further, this new product range has tighter specifications.

product	Colour Index		chemical nature
	part 1	part 2	
Luconyl® NG White 0022	Pigment White 6	77891	titanium dioxide, rutile
Luconyl® NG Black 0060	Pigment Black 7	77266	carbon black
Luconyl® NG Black 0066	Pigment Black 7	77266	carbon black
Luconyl® NG Yellow 0911	Pigment Yellow 3	11710	arylide yellow
Luconyl® NG Yellow 0962	Pigment Yellow 138	56300	quinophthalone yellow
Luconyl® NG Yellow 1100	Pigment Yellow 184	771740	bismuth vanadate
Luconyl® NG Yellow 1256	Pigment Yellow 74	11741	arylide yellow
Luconyl® NG Yellow 1916	Pigment Yellow 42	77492 (transparent)	iron oxide hydrate, transparent
Luconyl® NG Yellow 1995	Pigment Yellow 42	77492	iron oxide hydrate, opaque
Luconyl® NG Red 2817	Pigment Red 101	77491 (transparent)	iron[III] oxide, transparent
Luconyl® NG Brown 2915	Pigment Red 101	77491 (transparent)	iron[III] oxide, semi-transparent
Luconyl® NG Orange 2930	Pigment Orange 67	12915	pyrazolo quinazolone
Luconyl® NG Orange 3111	Pigment Orange 5	12075	Naphthol orange
Luconyl® NG Red 3370	Pigment Red 101	77491	iron[III] oxide, opaque
Luconyl® NG Red 3855	Pigment Red 112	12370	Naphthol AS red
Luconyl® NG Red 3860	Pigment Red 254	56110	diketo-pyrrolo-pyrrole
Luconyl® NG Magenta 4790	Pigment Red 122	73915	quinacridone
Luconyl® NG Violet 5894	Pigment Violet 23	51319	dioxazine violet
Luconyl® NG Blue 6900	Pigment Blue 15:1	74160	Cu phthalocyanine, alpha stable
Luconyl® NG Blue 7080	Pigment Blue 15:3	74160	Cu phthalocyanine, beta

Colorants for the coatings industry – pigment preparations – aqueous preparations

Luconyl® NG preparations

Luconyl® NG Green 8730	Pigment Green 7	74260	Cu phthalocyanine, halogenated
Luconyl® NG Green 9360	Pigment Green 36	74265	Cu phthalocyanine, halogenated

Colorants for the coatings industry – pigment preparations – solvent-based preparations

Sicoflush® L preparations

preparations of organic and inorganic pigments in very broadly compatible binders (long-chain alkyd resin); suitable for practically all solvent-based coatings and for tinters

physical form: highly concentrated free-flowing pastes

product	Colour Index		chemical nature
	part 1	part 2	
Sicoflush® L Black 0054	Pigment Black 7	77266	carbon black
Sicoflush® L Black 0063	Pigment Black 7	77266	carbon black
Sicoflush® L Yellow 1916 C 4	Pigment Yellow 42	77492 (transparent)	iron oxide hydrate, transparent
Sicoflush® L Orange 2416 C 4			iron[III] oxide/iron oxide hydrate, transparent
Sicoflush® L Red 2817 C 4	Pigment Red 101	77491 (transparent)	iron[III] oxide, transparent

Colorants for the coatings industry – pigment preparations – solvent-based preparations

Sicoflush® P preparations

preparations of organic and inorganic pigments in very broadly compatible binders (special aldehyde resin); suitable for practically all solvent-based coatings and for tinters

physical form: highly concentrated free-flowing pastes

product	Colour Index		chemical nature
	part 1	part 2	
Sicoflush® P Black 0054	Pigment Black 7	77266	carbon black
Sicoflush® P Yellow 1916	Pigment Yellow 42	77492 (transparent)	iron oxide hydrate, transparent
Sicoflush® P Red 2817	Pigment Red 101	77491 (transparent)	iron[III] oxide, transparent
Sicoflush® P Red 3855	Pigment Red 112	12370	Naphthol AS red
Sicoflush® P Maroon 4763	Pigment Red 52:2	15860:2	BON maroon, Mn lake
Sicoflush® P Violet 5890	Pigment Violet 23	51319	dioxazine violet
Sicoflush® P Blue 6880	Pigment Blue 15:1	74160	Cu phthalocyanine, alpha stable
Sicoflush® P Green 8730	Pigment Green 7	74260	Cu phthalocyanine, halogenated

Colorants for the coatings industry – soluble dyes – liquid dyes

Basantol® dyes

highly concentrated, stable liquid anionic dyes for aqueous wood stains that are fast to overcoating; miscible with water and blends consisting of water/alcohol/glycol

product	Colour Index		chemical nature
	part 1	part 2	
Basantol® Black X82 liquid	Acid Black 194		azo/1:2 Cr complex
Basantol® Yellow 099 liquid	Acid Yellow 5	47035 (similar)	quinoline
Basantol® Yellow 215 liquid	Acid Yellow 204		azo/1:2 Co complex
Basantol® Brown 269 liquid	Acid Brown 355		azo/1:2 Cr complex
Basantol® Orange 273 liquid	Acid Orange 142		azo/1:2 Cr complex
Basantol® Red 311 liquid	Acid Red 357		azo/1:2 Cr complex
Basantol® Bordeaux 415 liquid	Acid Violet 90	18762	azo/1:2 Cr complex
Basantol® Blue 762 liquid	Direct Blue 199	74190	Cu phthalocyanine

Colorants for the coatings industry – soluble dyes – liquid dyes

Basantol® U dyes

highly concentrated, stable liquid metal-complex dyes for aqueous solvent-based wood stains, can be diluted with blends of ethanol/Solvenon® PM/acetone, outstanding resistance to overcoating with water-based coating systems

product	Colour Index		chemical nature
	part 1	part 2	
Basantol® U Black X84 liquid	Acid Black 63	12195	azo/2:1 Cr complex
Basantol® U Yellow 145 liquid	Acid Yellow 59	18690	azo/2:1 Cr complex
Basantol® U Yellow 155 liquid	Acid Yellow 119	11700	azo/2:1 Co complex
Basantol® U Orange 255 liquid	Acid Orange 89		azo/2:1 Cr complex
Basantol® U Red 345 liquid	Acid Red 226		azo/2:1 Cr complex
Basantol® U Blue 745 liquid	Acid Violet 74		azo/2:1 Co complex

Colorants for the coatings industry – soluble dyes – powder dyes

Neozapon®

metal-complex dyes (powder) with good to very good solubility in polar solvents, almost insoluble in water for solvent-based wood stains based on alcohols, ketones, esters, glycol ethers etc. as well as transparent air-drying and baking finishes of all types

physical form: powder or coarse powder

product	Colour Index		chemical nature
	part 1	part 2	
Neozapon® Black X51	Solvent Black 27		1:2 Cr complex
Neozapon® Black X55	Solvent Black 29		1:2 Cr complex
Neozapon® Yellow 081	Solvent Yellow 79		1:1 Cr complex
Neozapon® Yellow 141	Solvent Yellow 81		1:1 Cr complex
Neozapon® Yellow 157	Solvent Yellow 82		1:2 Cr complex
Neozapon® Orange 245	Solvent Orange 56		1:1 Cr complex
Neozapon® Orange 251	Solvent Orange 54		1:2 Cr complex
Neozapon® Orange 272	Solvent Orange 99		1:2 Cr complex
Neozapon® Brown 322	Solvent Brown 42		1:2 Cr complex
Neozapon® Red 335	Solvent Red 122		1:2 Cr complex
Neozapon® Red 355	Solvent Red 119		1:2 Cr complex, color salt
Neozapon® Red 365	Solvent Red 160		1:2 Cr complex, color salt
Neozapon® Red 395	Solvent Red 122	(similar)	1:2 Cr complex
Neozapon® Red 471	Solvent Red 118		1:2 Co complex
Neozapon® Pink 478	Solvent Red 127		1:1 Cr complex
Neozapon® Blue 807	Solvent Blue 70		Cu phthalocyanine
Neozapon® Green 975			Cu phthalocyanine+1:1 Cr complex

colorants and light stabilizers for the plastics industry – pigments – organic pigments

Heliogen® pigments

copper phthalocyanine blue and green pigments

Letters following the numerical code denote special properties:

D = easily dispersible

FP = certified filter pressure value

LW = low warping

product	Colour Index		chemical nature
	part 1	part 2	
Heliogen® Blue K 6850	Pigment Blue 15	74160	Cu phthalocyanine, alpha unstable
Heliogen® Blue K 6902	Pigment Blue 15:1	74160	Cu phthalocyanine, alpha stable
Heliogen® Blue K 6907	Pigment Blue 15:1	74160	Cu phthalocyanine, alpha stable
Heliogen® Blue K 6911 D	Pigment Blue 15:1	74160	Cu phthalocyanine, alpha stable
Heliogen® Blue K 6911 FP	Pigment Blue 15:1	74160	Cu phthalocyanine, alpha stable
Heliogen® Blue K 7090	Pigment Blue 15:3	74160	Cu phthalocyanine, beta
Heliogen® Blue K 7090 FP	Pigment Blue 15:3	74160	Cu phthalocyanine, beta
Heliogen® Blue K 7104 LW	Pigment Blue 15:4	74160	Cu phthalocyanine, beta
Heliogen® Green K 8605	Pigment Green 7	74260	Cu phthalocyanine, halogenated
Heliogen® Green K 8683	Pigment Green 7	74260	Cu phthalocyanine, halogenated
Heliogen® Green K 8730	Pigment Green 7	74260	Cu phthalocyanine, halogenated
Heliogen® Green K 8730 FP	Pigment Green 7	74260	Cu phthalocyanine, halogenated
Heliogen® Green K 8740 LW	Pigment Green 7	74260	Cu phthalocyanine, halogenated
Heliogen® Green K 9360	Pigment Green 36	74265	Cu phthalocyanine, halogenated

colorants and light stabilizers for the plastics industry – pigments – organic pigments

Lithol® pigments

economical organic pigments with a moderate, some grades with a good, standard of fastness

product	Colour Index		chemical nature
	part 1	part 2	
Lithol® Red K 3690	Pigment Red 53:3	15585:3	Naphthol red, Sr lake
Lithol® Scarlet K 4165	Pigment Red 48:3	15865:3	BON red 2 B, Sr lake

colorants and light stabilizers for the plastics industry – pigments – organic pigments

Paliogen® pigments

organic pigments of various chemical compositions with a high standard of fastness

Letters following the numerical code denote special properties:

HD = good hiding power and easily dispersible

product	Colour Index		chemical nature
	part 1	part 2	
Paliogen® Red K 3580	Pigment Red 149	71137	perylene
Paliogen® Red K 3911 HD	Pigment Red 178	71155	perylene
Paliogen® Red K 4180	Pigment Red 179	71130	perylene
Paliogen® Red Violet K 5011	Pigment Violet 29	71129	perylene

colorants and light stabilizers for the plastics industry – pigments – organic pigments

Paliotol® pigments

organic pigments of various chemical compositions with good to very good fastness properties in many applications

Letters following the numerical code denote special properties:

FP = certified filter pressure value

H = good hiding power

HD = good hiding power and easily dispersible

product	Colour Index		chemical nature
	part 1	part 2	
Paliotol® Yellow K 0940	Pigment Yellow 138	56300	quinophthalone yellow
Paliotol® Yellow K 0961 HD	Pigment Yellow 138	56300	quinophthalone yellow
Paliotol® Yellow K 1090	Pigment Yellow 138	56300	quinophthalone yellow
Paliotol® Yellow K 1700	Pigment Yellow 183	18792 (similar)	azo
Paliotol® Yellow K 1841	Pigment Yellow 139	56298	isoindoline yellow
Paliotol® Yellow K 1841 FP	Pigment Yellow 139	56298	isoindoline yellow
Paliotol® Yellow K 2142 H	Pigment Yellow 139	56298	isoindoline yellow
Paliotol® Yellow K 2270	Pigment Yellow 183	18792	azo
Paliotol® Orange K 2920	Pigment Orange 79	–	azo

colorants and light stabilizers for the plastics industry – pigments – organic pigments

Rightfit® pigments

product	Colour Index		chemical nature
	part 1	part 2	
Rightfit® Yellow K 1994	Pigment Yellow 62	13940	monoazo
Rightfit® Red K 3790	Pigment Red 276	–	azo
Rightfit® Red K 4350	Pigment Red 277	–	monoazo

colorants and light stabilizers for the plastics industry – pigments – inorganic pigments

Sicomín® pigments

chrome yellow and molybdate orange pigments for the coloration of PVC for a variety of applications, grades with a suffix “S” in their names are resistant to sulfur dioxide

Please note the restrictions imposed on the use of lead pigments in many countries.

product	Colour Index		chemical nature
	part 1	part 2	
Sicomín® Yellow K 1630 S	Pigment Yellow 34	77603	lead chromate
Sicomín® Yellow K 1922	Pigment Yellow 34	77603	lead chromate
Sicomín® Yellow K 1925	Pigment Yellow 34	77603	lead chromate
Sicomín® Red K 3023	Pigment Red 104	77605	lead chromate/lead molybdate
Sicomín® Red K 3030 S	Pigment Red 104	77605	lead chromate/lead molybdate
Sicomín® Red K 3130 S	Pigment Red 104	77605	lead chromate/lead molybdate

colorants and light stabilizers for the plastics industry – pigments – inorganic pigments

Sicopal® pigments

lead- and chromate-free inorganic pigments with good gloss and hiding power; excellently suitable for injection-molded or extruded parts for outdoor application; optimum fastness to weathering both in pure shade and when highly reduced with white

physical form: powder or fine granules (suffix “FG”)

product	Colour Index		chemical nature
	part 1	part 2	
Sicopal® Black K 0090	Pigment Black 27	77502	Co/Cr/Fe/Mn oxide
Sicopal® Black K 0095	Pigment Brown 29	77500	Cr/Fe oxide
Sicopal® Yellow K 1120 FG	Pigment Yellow 184	771740	bismuth vanadate
Sicopal® Yellow K 1160 FG	Pigment Yellow 184	771740	bismuth vanadate
Sicopal® Brown K 2595	Pigment Brown 31	77496	Zn/Fe oxide
Sicopal® Brown K 2795 FG	Pigment Brown 29	77500	Cr/Fe oxide
Sicopal® Blue K 6210	Pigment Blue 28	77346	Co/Al oxide
Sicopal® Blue K 6310	Pigment Blue 28	77346	Co/Al oxide
Sicopal® Blue K 6710	Pigment Blue 36	77343	Co/Al/Cr oxide
Sicopal® Blue K 7210	Pigment Blue 36	77343	Co/Al/Cr oxide
Sicopal® Greenn K 9110	Pigment Green 50	77377	Co/Li/Ti oxide
Sicopal® Green K 9610	Pigment Green 50	77377	Co/Ti/Ni/Zn oxide
Sicopal® Green K 9710	Pigment Green 50	77377	Co/Ti/Ni/Zn oxide

colorants and light stabilizers for the plastics industry – pigments – inorganic pigments

Sicotan® pigments

complex inorganic chromatic pigments with rutile structure (nickel, manganese and chromium titanium yellow), excellent fastness to light, weathering and chemicals as well as very good thermal stability, even in white reductions (pastel shades)

In combination with organic pigments, they produce economic yellow, orange and red shades with good hiding power.

physical form: powder or fine granules (suffix “FG”)

product	Colour Index		chemical nature
	part 1	part 2	
Sicotan® Yellow K 1010	Pigment Yellow 53	77788	Ni/Sb/Ti oxide
Sicotan® Yellow K 1010 FG	Pigment Yellow 53	77788	Ni/Sb/Ti oxide
Sicotan® Yellow K 1011	Pigment Yellow 53	77788	Ni/Sb/Ti oxide
Sicotan® Yellow K 1011 FG	Pigment Yellow 53	77788	Ni/Sb/Ti oxide
Sicotan® Yellow K 2001	Pigment Brown 24	77310	Cr/Sb/Ti oxide
Sicotan® Yellow K 2001 FG	Pigment Brown 24	77310	Cr/Sb/Ti oxide
Sicotan® Yellow K 2011	Pigment Brown 24	77310	Cr/Sb/Ti oxide
Sicotan® Yellow K 2011 FG	Pigment Brown 24	77310	Cr/Sb/Ti oxide
Sicotan® Yellow K 2111	Pigment Brown 24	77310	Cr/Sb/Ti oxide
Sicotan® Yellow K 2111 FG	Pigment Brown 24	77310	Cr/Sb/Ti oxide
Sicotan® Yellow K 2112	Pigment Brown 24	77310	Cr/Sb/Ti oxide
Sicotan® Yellow K 2112 FG	Pigment Brown 24	77310	Cr/Sb/Ti oxide
Sicotan® Orange K 2383	Pigment Yellow 163	77897	Cr/W/Ti oxide
Sicotan® Brown K 2611	Pigment Yellow 164	77899	Mn/Sb/Ti oxide
Sicotan® Brown K 2711	Pigment Yellow 164	77899	Mn/Sb/Ti oxide
Sicotan® Brown K 2750 FG	Pigment Yellow 164	77899	Mn/Sb/Ti oxide

colorants and light stabilizers for the plastics industry – pigments – inorganic pigments

Sicotrans® pigments

transparent iron oxide pigments with extremely low particle size for highly transparent plastics colorations with excellent resistance to weathering – good absorption of UV radiation yields additional protection

product	Colour Index		chemical nature
	part 1	part 2	
Sicotrans® Red K 2819	Pigment Red 101	77491	iron[III] oxide, transparent
Sicotrans® Red K 2915	Pigment Red 101	77491	iron[III] oxide, semi-transparent

colorants and light stabilizers for the plastics industry – pigments – effect pigments

Mearlin® pearlescent pigments

Mearlin® pearlescent pigments are mica platelets coated with titanium dioxide and/or iron oxide that provide both color and exciting visual effects to a variety of coatings, plastics and printing ink applications.

These unique BASF luster pigments are transparent and reflect light because of their smooth surfaces and high index of refraction. Light reflected from the platelets creates a sense of depth and a luster that varies with particle size – smaller particles impart a satin sheen while larger particles create a more sparkly or glitter-like effect. Some Mearlin® special effect pigments have a multiple color play and dynamic color travel or "flop" in which the color changes with the viewing angle. Although these pigments are non-metallic, they can give finishes a metallic look. And all Mearlin® pigments are totally non-reactive and nontoxic.

Mearlin luster pigments for exterior use are engineered using BASF's proprietary CFS chrome-free surface treatment to improve adhesion and resistance to humidity in water-based coatings and chip resistance in solvent-based coatings. This makes them ideal for automotive coating applications and other outdoor uses, such as on lawn and garden furniture and outdoor appliances.

product	chemical nature
Mearlin® CFS Bright Silver 1303Z	
Mearlin® Micro White 139M	
Mearlin® Bright White 139X	
Mearlin® Bright Silver 139Z	
Mearlin® CFS Micro Gold 2303M	
Mearlin® CFS Super Gold 2303Z	
Mearlin® CFS Fine Brass 2323V	
Mearlin® Fine Brass 2329V	
Mearlin® Super Brass 2329Z	
Mearlin® Fine Gold 239V	
Mearlin® Bright Gold 239X	
Mearlin® Super Gold 239Z	
Mearlin® Bright Bronze 249X	
Mearlin® CFS Micro Bronze 2503M	
Mearlin® CFS Fine Bronze 2503V	

colorants and light stabilizers for the plastics industry – pigments – effect pigments

Mearlin® pearlescent pigments

Mearlin® Super Bronze 259Z

Mearlin® CFS Micro Brass 2623M

Mearlin® CFS Fine Orange 3303V

Mearlin® CFS Super Orange 3303Z

Mearlin® Bright Orange 3339X

Mearlin® Hi-Lite Orange 339X

Mearlin® Super Orange 339Z

Mearlin® Bright Copper 349X

Mearlin® CFS Micro Copper 3503M

Mearlin® CFS Super Copper 3503Z

Mearlin® Fine Copper 359V

Mearlin® Super Copper 359Z

Mearlin® CFS Fine Red 4303V

Mearlin® CFS Super Red 4303Z

Mearlin® Hi-Lite Red 439X

Mearlin® Super Red 439Z

Mearlin® CFS Micro Russet 4503M

Mearlin® CFS Super Russet 4503Z

Mearlin® Fine Russet 459V

Mearlin® Super Russet 459Z

Mearlin® CFS Fine Violet 5303V

Mearlin® CFS Super Violet 5303Z

Mearlin® Fine Violet 539V

Mearlin® Hi-Lite Violet 539X

Mearlin® Super Violet 539Z

Mearlin® CFS Micro Blue 6303M

Mearlin® CFS Super Blue 6303Z

Mearlin® Fine Blue 639V

colorants and light stabilizers for the plastics industry – pigments – effect pigments

Mearlin® pearlescent pigments

Mearlin® Hi-Lite Blue 639X

Mearlin® Super Blue 639Z

Mearlin® Blue Russet 659Z

Mearlin® Blue Green 7289Z

Mearlin® Bright Green 8289X

Mearlin® CFS Micro Green 8303M

Mearlin® CFS Super Green 8303Z

Mearlin® Fine Green 839V

Mearlin® Super Green 839Z

Mearlin® Satin White 9130 F

Mearlin® Micro Russet 9150M

Mearlin® Sparkle Gold 9220J

Mearlin® Sparkle Brass 9222J

Mearlin® Super Brass 9232Z

Mearlin® Super Bronze 9250Z

Mearlin® Sparkle Bronze 9250J

Mearlin® Mica Gold 9260M

Mearlin® Micro Brass 9262M

Mearlin® Super Sparkle 9320J

Mearlin® Super Orange 9330Z

Mearlin® Sparkle Copper 9350J

Mearlin® Micro Copper 9350M

Mearlin® Super Copper 9350Z

Mearlin® Sparkle Red 9420J

Mearlin® Sparkle Russet 9450J

Mearlin® Super Russet 9450Z

Mearlin® Sparkle Violet 9520J

Mearlin® Super Violet 9530Z

colorants and light stabilizers for the plastics industry – pigments – effect pigments

Mearlin® pearlescent pigments

Mearlin® Sparkle Blue 9620J

Mearlin® Super Blue Russet 9650Z

Mearlin® Micro Blue 9660M

Mearlin® Sparkle Green 9820J

Mearlin® Micro Green 9860M

colorants and light stabilizers for the plastics industry – pigments – effect pigments

MagnaPearl® effect pigments

MagnaPearl® pearlescent pigments are specially engineered to deliver superior whiteness, brilliance and hiding. Available in a variety of particle sizes, they create extraordinary optical effects ranging from a fine-grained luster to a bold silvery-white sparkle.

Made of mica platelets coated with titanium dioxide, MagnaPearl® pigments are free of solvents and heavy metals. The MagnaPearl® 1000, 2000, 3000, 4000 and 5000 series include grades coated with titanium dioxide crystals in either anatase or rutile form. Grades containing rutile crystals tend to have higher luster, coverage and whiteness, while grades containing anatase crystals are free of tin. Surface-treated MagnaPearl® pigments are available to prevent yellowing in plastics applications.

MagnaPearl® pigments for exterior use are engineered using BASF's proprietary CFS chrome-free surface treatment to improve adhesion and resistance to humidity in water-based coatings and chip resistance in solvent-based coatings. This makes them ideal for automotive coating applications and other outdoor uses, such as on lawn and garden furniture and outdoor appliances.

product	chemical nature
MagnaPearl® 1100	
MagnaPearl® 4000	
MagnaPearl® 5000	
MagnaPearl® 1000	
MagnaPearl® CFS 1103	
MagnaPearl® 2000	
MagnaPearl® 2100	
MagnaPearl® CFS 2103	
MagnaPearl® 2300	
MagnaPearl® 3000	
MagnaPearl® 3100	
MagnaPearl® CFS 3103	

colorants and light stabilizers for the plastics industry – pigments – effect pigments

MicroPearl effect pigments

MicroPearl mica-based effect pigments offer the depth of conventional pearlescent finishes and the texture of solid colors. Due to their very fine particle size distribution, MicroPearl pigments provide increased hiding in coating and ink applications.

Available in a broad color palette, MicroPearl pigments come in two main product categories: coated with titanium dioxide to create a subtle two-tone effect that changes with the viewing angle, or coated with iron oxide for a metallic appearance.

Exterior grades, CFS-treated, are available.

colorants and light stabilizers for the plastics industry – pigments – effect pigments

Black Olive™ effect pigment

Black Olive™ pigment is a black, mica-based effect pigment with champagne undertones. This revolutionary product actually extends the range of absorption colors possible with mica-based pigments to brown-black shades.

Until now, only green, pale gold and russet-red absorption colors have been available. Black Olive™ pigment's unique brown-black color space makes it ideal for shading neutral colors, helping make gun metals and silvers and adding an unusually bright face to dark-shade metallic colors.

Black Olive™ also can be used in conjunction with other special effect pigments to extend the palette of effects.

Black Olive™ pigment can be used in many diverse interior coatings, plastics and ink applications, including:

- molded-in plastic or coatings for electronic equipment
- appliances
- sporting goods and packaging
- specialty decorative coatings and inks
- coatings and inks for leather goods
- solid-surface applications (i.e., countertops and flooring)

Based on a unique chemistry that produces a black, lustrous, pearlescent finish, Black Olive™ pigment adds depth and luster to water-based, solvent-based and powder coatings. And given its unique color space, Black Olive™ pigment can create novel effects in molded plastic products.

Black Olive™ pigment for exterior use is engineered using BASF's proprietary CFS chrome-free surface treatment to improve adhesion and resistance to humidity in water-based coatings and chip resistance in solvent-based coatings. This makes it ideal for automotive coating applications and other outdoor uses, such as on lawn and garden furniture and outdoor appliances.

product	chemical nature
Black Olive™ 90C0Z	

colorants and light stabilizers for the plastics industry – pigments – effect pigments

Firemist® effect pigments

Firemist® patented borosilicate-based pigments bring products to life with brilliant color and glittering effects. These advanced pigments, which create an exceptionally high visual impact, are specially formulated to out-perform traditional pearlescent pigments in chroma, color purity, brightness, transparency and reflectivity.

Firemist® pigments give designers and formulators a spectrum of advanced optical effects to work with.

For example, their smooth surface and larger particle size create a brilliant, starlike glitter, and blends of Firemist® pigments create true multicolor effects (individual colors come through because the pigments' exceptional transparency and chroma overcome the addition effects that gray-out normal pearls). Firemist® pigments also enhance the feeling of depth in coatings and plastics applications beyond that possible with mica-based pearls, because the borosilicate flakes promote light penetration. They are ideal for automotive trim applications such as powder coatings or plastic and leather coatings, and can be used in many other applications as well.

Firemist® pigments match the color palette of other pearls and work well with transparent organic colorants because of their flakes' high transparency. They also are approved for food contact, making them ideal for food packaging applications.

product	chemical nature
Firemist® Pearl 9G130L	
Firemist® Gold 9G230L	
Firemist® Red 9G430L	
Firemist® Violet 9G530L	
Firemist® Blue 9G630L	
Firemist® Turquoise 9G730L	
Firemist® Green 9G830L	

colorants and light stabilizers for the plastics industry – pigments – effect pigments

Lumina® effect pigments

Lumina® pigments are mica-based effect pigments that create intriguing and dramatic visual effects in a wide variety of applications.

Lumina® colors feature increased chromaticity at the reflection angle and higher color purity and clarity than traditional interference colors. The result is cleaner shades, more saturated colors and stronger flip-flop effects in coatings, plastics and inks.

For example, in solvent- and water-based coating applications, Lumina® pigments' enhanced reflection creates the look of a three-coat effect in only two coats. Lumina® pigments enhance labels for luxury packaging and other luxury products. And in plastics applications, including injection molding, blow molding and extrusion processing, Lumina® pigments create multi-optical effects when combined with other effect or color pigments.

Lumina® pigments for exterior use are engineered using BASF's proprietary CFS chrome-free surface treatment to improve adhesion and resistance to humidity in water-based coatings and chip resistance in solvent-based coatings. This makes them ideal for automotive coating applications and other outdoor uses, such as on lawn and garden furniture and outdoor appliances.

Like other mica-based effect pigments, all Lumina® pigments are non-reactive, non-metallic and non-tarnishing.

product	chemical nature
Lumina® Gold 9130D	
Lumina® Brass 9232D	
Lumina® Copper 9350D	
Lumina® Russet 9450D	
Lumina® Red Blue 9830D	
Lumina® Aqua Blue 9A30D	
Lumina® Green 9G30D	
Lumina® Red 9R30D	
Lumina® Turquoise 9T30D	

colorants and light stabilizers for the plastics industry – pigments – effect pigments

Mearlite® effect pigments

Mearlite® luster pigments impart a range of optical effects from a soft, satin luster to a sharp, metallic brilliance in plastics, coatings and inks. These effects are due to plate-like crystals of bismuth oxychloride that have a silver-white and transparent appearance.

Mearlite® pigments are available as dispersions in a variety of vehicles (e.g., alkyd, acrylic and cellulose nitrate) compatible with dip or spray coatings, inks and plastics resin systems. When used alone in spray coatings, Mearlite® pigments create a simulated pearl finish. When used as a reflective surface under transparent color coatings, they provide a candy apple effect. Mearlite® pigments also can create intense, lustrous colors when combined with organic pigments or dyes.

Mearlite® Ultra Bright grade provides the highest brilliance of any synthetic pearlescent pigment. It is the most widely used Mearlite® grade for coatings, inks and polyester castings.

Mearlite® Radiant Pearl combines the brilliance of Ultra Bright pigments with a surface treatment to reduce darkening by ultraviolet light. When formulated with UV absorbers, this grade is well-suited for exterior coatings.

Mearlite® Ultra Fine balances high luster and small particle size for use where larger pearlescent pigments cannot be applied.

product	chemical nature
Mearlite® Radiant Pearl SSQ	
Mearlite® Ultra Bright	
Mearlite® Ultra Fine	

colorants and light stabilizers for the plastics industry – pigments – effect pigments

Dynacolor® effect pigments

Dynacolor® pearlescent pigments are specially engineered to add dramatic visual effects and a high degree of color purity and intensity coatings, printing inks and plastics.

As interference-type pigments, Dynacolor® grades exhibit a two-color play. The interference color occurs at the specular angle, while the absorption appears at the flop angle or diffuse angle. This effect is especially desirable in coating finishes when simulating a three-coat effect with only two coats.

In addition to their attractive appearance, Dynacolor® pigments also offer important production benefits such as ease of dispersion and reduced color bleed and migration. With the colorant already deposited on the pigment substrate, there is no need to add it separately. The constant colorant-to-particle ratio also promotes more predictable end-use results.

BASF offers many Dynacolor® pigments for a wide variety of dramatic effects. Dynacolor® exterior pigments are chemically treated to maximize their durability in outdoor applications.

product	chemical nature
Dynacolor® Exterior BY-B 239ZB15AA	
Dynacolor® Exterior GY 239ZG7A	
Dynacolor® Exterior BB 639ZB15C	
Dynacolor® Exterior BG 839ZB15A	
Dynacolor® BY-B 9239ZB15AA	
Dynacolor® GY 9239ZG7A	
Dynacolor® BB 9639ZB15C	

colorants and light stabilizers for the plastics industry – pigments – effect pigments

Cyclo® effect pigments

Cyclo® pigments are mica-based effect pigments designed specifically to work with powder coatings, which are used for appliances, architecture and building applications.

Cyclo® pigments are engineered to improve application properties. Because of reduced build-up of pearl pigment on spray gun tips, Cyclo® pigments allow formulators to raise the amount of pearl in powder coating formulations. This offers more flexibility to formulators attempting to match the appearance of liquid coatings, which typically contain higher levels of pearl pigments.

colorants and light stabilizers for the plastics industry – pigment preparations – mono-pigment preparations

Eupolen® PE preparations (powder)

highly concentrated, fully dispersed mono-pigment PO-based concentrates for the manufacture of masterbatches and for direct coloring, intermiscible

fields of application: injection and blow molding, films and fibers

physical form: low-dusting, free-flowing powder

product	Colour Index		chemical nature
	part 1	part 2	
Eupolen® PE Black 00-6001	Pigment Black 7	77266	carbon black
Eupolen® PE Yellow 09-6101	Pigment Yellow 138	56300	quinophthalone yellow
Eupolen® PE Yellow 11-5501	Pigment Yellow 185	56290	isoindoline yellow
Eupolen® PE Yellow 17-0001	Pigment Yellow 183	18792 (similar)	azo (Ca/Na)
Eupolen® PE Yellow 18-4101	Pigment Yellow 139	56298	isoindoline yellow
Eupolen® PE Yellow 22-7001	Pigment Yellow 183	18792	azo
Eupolen® PE Red 34-3001	Pigment Red 254	56110	diketo-pyrrolo-pyrrole
Eupolen® PE Red 39-1101	Pigment Red 178	71155	perylene
Eupolen® PE Red 41-6001	Pigment Red 48:3	15865:3	BON red 2 B, Sr lake
Eupolen® PE Red 47-9001	Pigment Red 122	73915	quinacridone
Eupolen® PE Violet 58-9001	Pigment Violet 23	51319	dioxazine violet
Eupolen® PE Blue 69-1501	Pigment Blue 15:1	74160	Cu phthalocyanine, alpha stable
Eupolen® PE Blue 69-2001	Pigment Blue 15:1	74160	Cu phthalocyanine, alpha stable
Eupolen® PE Blue 70-9001	Pigment Blue 15:3	74160	Cu phthalocyanine, beta
Eupolen® PE Blue 70-9101	Pigment Blue 15:3	74160	Cu phthalocyanine, beta
Eupolen® PE Blue 71-0401	Pigment Blue 15:4	74160	Cu phthalocyanine, beta
Eupolen® PE Green 87-3001	Pigment Green 7	74260	Cu phthalocyanine, halogenated
Eupolen® PE Green 93-6001	Pigment Green 36	74265	Cu phthalocyanine, halogenated

colorants and light stabilizers for the plastics industry – pigment preparations – mono-pigment preparations

Eupolen® PE preparations (micro pellets)

highly concentrated, fully dispersed mono-pigment PO-based concentrates for the manufacture of masterbatches and for direct coloring, intermiscible

fields of application: injection and blow molding, films and fibers

physical form: non-dusting micro pellets

product	Colour Index		chemical nature
	part 1	part 2	
Eupolen® PE Yellow 09-6104	Pigment Yellow 138	56300	quinophthalone yellow
Eupolen® PE Yellow 11-5504	Pigment Yellow 185	56290	isoindoline yellow
Eupolen® PE Yellow 22-7004	Pigment Yellow 183	18792	azo
Eupolen® PE Red 39-1104	Pigment Red 178	71155	perylene
Eupolen® PE Blue 69-2004	Pigment Blue 15:1	74160	Cu phthalocyanine, alpha stable
Eupolen® PE Blue 70-9004	Pigment Blue 15:3	74160	Cu phthalocyanine, beta
Eupolen® PE Blue 71-0404	Pigment Blue 15:4	74160	Cu phthalocyanine, beta
Eupolen® PE Green 87-3004	Pigment Green 7	74260	Cu phthalocyanine, halogenated

colorants and light stabilizers for the plastics industry – pigment preparations – mono-pigment preparations

Eupolen® PE preparations (standard pellets)

highly concentrated, fully dispersed mono-pigment PO-based concentrates for the manufacture of masterbatches and for direct coloring, intermiscible

fields of application: injection and blow molding, films and fibers

physical form: cylindrical pellets

product	Colour Index		chemical nature
	part 1	part 2	
Eupolen® PE Black 00-6005	Pigment Black 7	77266	carbon black
Eupolen® PE Yellow 18-4105	Pigment Yellow 139	56298	isoindoline yellow
Eupolen® PE Brown 29-1505	Pigment Red 101	77491	iron[III] oxide, semi-transparent
Eupolen® PE Scarlet 37-0005	Pigment Red 48:1	15865:1	BON red 2 B, Ba lake
Eupolen® PE Red 41-6505	Pigment Red 48:3	15865:3	BON red 2 B, Sr lake
Eupolen® PE Scarlet 43-0005	Pigment Red 48:4	15865:4	BON red 2 B, Mn lake
Eupolen® PE Scarlet 44-6105	Pigment Red 48:2	15865:2	BON red 2 B, Ca lake
Eupolen® PE Violet 58-9005	Pigment Violet 23	51319	dioxazine violet
Eupolen® PE Blue 64-7005	Pigment Blue 60	69800	indanthrone blue
Eupolen® PE Blue 69-2005	Pigment Blue 15:1	74160	Cu phthalocyanine, alpha stable
Eupolen® PE Blue 70-9005	Pigment Blue 15:3	74160	Cu phthalocyanine, beta
Eupolen® PE Green 87-3005	Pigment Green 7	74260	Cu phthalocyanine, halogenated

colorants and light stabilizers for the plastics industry – pigment preparations – mono-pigment preparations

Eupolen® PP preparations

optimum-concentrated, fully dispersed mono-pigment concentrates based on polypropylene (PP) for the manufacture of masterbatches and for direct coloring of, in particular, films and fibers, intermiscible

fields of application: injection and blow molding, films and fibers

physical form: non-dusting, free-flowing cylindrical pellets

product	Colour Index		chemical nature
	part 1	part 2	
Eupolen® PP Black 00-6005	Pigment Black 7	77266	carbon black
Eupolen® PP Yellow 09-6105	Pigment Yellow 138	56300	quinophthalone yellow
Eupolen® PP Yellow 18-4105	Pigment Yellow 139	56298	isoindoline yellow
Eupolen® PP Brown 29-1505	Pigment Red 101	77491	iron[III] oxide, semi-transparent
Eupolen® PP Red 35-8005	Pigment Red 149	71137	perylene
Eupolen® PP Red 37-8005	Pigment Red 144	20735	azo
Eupolen® PP Red 41-6505	Pigment Red 48:3	15865:3	BON red 2 B, Sr lake
Eupolen® PP Red 41-8005	Pigment Red 179	71130	perylene
Eupolen® PP Scarlet 44-6105	Pigment Red 48:2	15865:2	BON red 2 B, Ca lake
Eupolen® PP Violet 50-1105	Pigment Violet 29	71129	perylene
Eupolen® PP Blue 69-2005	Pigment Blue 15:1	74160	Cu phthalocyanine, alpha stable
Eupolen® PP Blue 70-9005	Pigment Blue 15:3	74160	Cu phthalocyanine, beta
Eupolen® PP Green 87-3005	Pigment Green 7	74260	Cu phthalocyanine, halogenated

colorants and light stabilizers for the plastics industry – pigment preparations – mono-pigment preparations

Eupolen® PA preparations

optimum-concentrated, fully dispersed mono-pigment concentrates based on polyamide (PA) for the manufacture of masterbatches and for direct coloring of, in particular, films and fibers, intermiscible

fields of application: injection and blow molding, films and fibers

physical form: non-dusting, free-flowing cylindrical pellets

product	Colour Index		chemical nature
	part 1	part 2	
Eupolen® PA Black 00-6305	Pigment Black 7	77266	carbon black
Eupolen® PA Yellow 12-7005	Pigment Yellow 150	12764	azo-nickel complex
Eupolen® PA Yellow 21-0705	Pigment Brown 24	77310	Cr/Sb/Ti oxide
Eupolen® PA Brown 30-9705	Pigment Red 101	77491	iron[III] oxide
Eupolen® PA Brown 30-9715	Pigment Red 101	77491	iron[III] oxide
Eupolen® PA Red 35-8005	Pigment Red 149	71137	perylene
Eupolen® PA Bordeaux 38-8505	Pigment Red 179	71130	perylene
Eupolen® PA Red 41-8005	Pigment Red 179	71130	perylene
Eupolen® PA Pink 49-1005	Pigment Red 202	73907	quinacridone
Eupolen® PA Violet 50-1105	Pigment Violet 29	71129	perylene
Eupolen® PA Violet 57-9005	Pigment Violet 23	51319	dioxazine violet
Eupolen® PA Blue 68-1105	Pigment Blue 15:1	74160	Cu phthalocyanine, alpha stable
Eupolen® PA Blue 70-9005	Pigment Blue 15:3	74160	Cu phthalocyanine, beta
Eupolen® PA Green 87-3005	Pigment Green 7	74260	Cu phthalocyanine, halogenated

colorants and light stabilizers for the plastics industry – pigment preparations – mono-pigment preparations

Euvinyl® preparations

optimum-dispersed mono-pigment concentrates for mass coloration of PVC products in challenging applications, particularly in film applications; plasticizer-free

Euvinyl® C Black 00-8702 and Euvinyl® C Black 00-8802 are preparations of pigments with excellent transparency in the near-infrared range (see functional colorants)

product	Colour Index		chemical nature
	part 1	part 2	
Euvinyl® Black 00-5402	Pigment Black 7	77266	carbon black
Euvinyl® C Black 00-5402	Pigment Black 7	77266	carbon black
Euvinyl® C Black 00-8702			perylene
Euvinyl® C Black 00-8802			perylene
Euvinyl® C Yellow 09-6102	Pigment Yellow 138	56300	quinophthalone yellow
Euvinyl® C Yellow 17-8102	Pigment Yellow 83	21108	diarylide yellow
Euvinyl® C Yellow 18-4102	Pigment Yellow 139	56298	isoindoline yellow
Euvinyl® C Red 36-8002	Pigment Red 178	71155	perylene
Euvinyl® C Scarlet 43-0002	Pigment Red 48:4	15865:4	BON red 2 B, Mn lake
Euvinyl® C Blue 69-0202	Pigment Blue 15:1	74160	Cu phthalocyanine, alpha stable
Euvinyl® C Blue 70-8502	Pigment Blue 15:3	74160	Cu phthalocyanine, beta
Euvinyl® C Green 87-3002	Pigment Green 7	74260	Cu phthalocyanine, halogenated

colorants and light stabilizers for the plastics industry – pigment preparations – mono-pigment preparations

Oppasin® preparations

mono-pigment concentrates of organic pigments for the coloration of rubber mixes and solutions; added together with fillers and vulcanization additives after mastisizing; yield chromatic, vivid shades

product	Colour Index		chemical nature
	part 1	part 2	
Oppasin® Black 0060	Pigment Black 7	77266	carbon black
Oppasin® Yellow 1351	Pigment Yellow 13	21100	diarylide yellow
Oppasin® Orange 3050	Pigment Orange 13	21110	pyrazolone
Oppasin® Scarlet 3700	Pigment Red 48:1	15865:1	BON red 2 B, Ba lake
Oppasin® Rubine 4630	Pigment Red 57:1	15850:1	BON rubine 4 B, Ca lake
Oppasin® Blue 6470	Pigment Blue 60	69800	indanthrone blue
Oppasin® Blue 6900	Pigment Blue 15:1	74160	Cu phthalocyanine, alpha stable
Oppasin® Green 8730	Pigment Green 7	74260	Cu phthalocyanine, halogenated

colorants and light stabilizers for the plastics industry – functional colorants – black pigments for solar heat management

Lumogen® black pigments

thermally stable black pigments with high transparency in the (N)IR spectral range for solar energy management and black-on-black laser transmission welding; because of their reduced tendency to absorb energy and heat up, these pigments are suitable for dark colorations for exterior applications in the construction and automotive industries

product	chemical nature
Lumogen® Black FK 4280	perylene
Lumogen® Black FK 4281	perylene

colorants and light stabilizers for the plastics industry – functional colorants – fluorescent dyes

Lumogen® F dyes

high-purity, brilliant fluorescent dyes with very high thermal and light stability in amorphous plastics; suitable for a wide variety of outdoor applications in the road-safety and advertising sectors

product	chemical nature
Lumogen® F Yellow 083	perylene
Lumogen® F Orange 240	perylene
Lumogen® F Red 305	perylene
Lumogen® F Violet 570	naphthalimide
Lumogen® F Blue 650	naphthalimide
Lumogen® F Green 850	perylene

colorants and light stabilizers for the plastics industry – functional colorants – NIR absorbers

Lumogen® IR

NIR absorbers with little inherent color in the visible spectral range and outstanding fastness properties for laser transmission welding of transparent and transparently colored plastics

product	chemical nature
Lumogen® IR 765	quaterrylene
Lumogen® IR 788	perylene

colorants and light stabilizers for the plastics industry – soluble dyes – powder dyes

Thermoplast dyes

high-purity solvent dyes with only a very small proportion of insoluble constituents, for the mass coloration of thermoplastic and thermosetting plastics, e. g., styrene polymers (PS, SB, SAN, ABS), PVC-U, polymethyl methacrylate, cellulose derivatives, polycarbonate and unsaturated polyester

Thermoplast F Yellow 084 fluoresces intensely in daylight.

product	Colour Index		chemical nature
	part 1	part 2	
Thermoplast® Black X70			mixture
Thermoplast® F Yellow 084	Solvent Green 5	59075	perylene
Thermoplast® Yellow 104	Solvent Yellow 93	48160	pyrazolone
Thermoplast® Red 454	Solvent Red 195		monoazo
Thermoplast® Blue 670	Solvent Blue 35	61554	anthraquinone
Thermoplast® Blue 684	Solvent Violet 13	60725	anthraquinone

colorants and light stabilizers for the plastics industry – light stabilizers – light stabilizers and sterically hindered amines

Uvinul® grades

The ultraviolet component of daylight initiates degradation reactions in polymers, which cause surface damage and deterioration of the mechanical properties. Without light stabilizers such as UV absorbers and sterically hindered amine light stabilizers (HALS), the use of plastics for outdoor applications would be very restricted.

Uvinul® 3000 - 3088 are UV-absorbers that absorb high-energy UV radiation and re-emit it harmlessly as heat.

The degradation of plastics can result in the formation of free radicals that cause further damage to the polymer. Uvinul® grades whose name is suffixed by “H” are sterically hindered amines (HALS) that trap free radicals and render them harmless, thereby preventing further degradation of the polymer.

Upon request, Uvinul® grades can be supplied as batches based on PE, PP and PA.

For details on approvals for food-contact applications and toys, please refer to the individual products' Data sheet on product safety (available from our sales force or from the Internet: www.basf.com/lightstabilizers).

product	chemical nature
Uvinul® 3000	benzophenone
Uvinul® 3008	benzophenone
Uvinul® 3026	benzotriazole
Uvinul® 3027	benzotriazole
Uvinul® 3028	benzotriazole
Uvinul® 3029	benzotriazole
Uvinul® 3030	cyanoacrylate
Uvinul® 3033 P	benzotriazole
Uvinul® 3034	benzotriazole
Uvinul® 3035	cyanoacrylate
Uvinul® 3039	cyanoacrylate
Uvinul® 3040	benzophenone
Uvinul® 3049	benzophenone
Uvinul® 3050	benzophenone

colorants and light stabilizers for the plastics industry – light stabilizers – light stabilizers and sterically hindered amines

Uvinul® grades

Uvinul® 3088	derivative of cinnamic acid
Uvinul® 3434 C	mixture HALS/UVA/AO
Uvinul® 4050 H	sterically hindered amine (monomeric)
Uvinul® 4077 H	sterically hindered amine (monomeric)
Uvinul® 4092 H	sterically hindered amine (monomeric)
Uvinul® 5050 H	sterically hindered amine (oligomeric)
Uvinul® 5062 H	sterically hindered amine (oligomeric)

Colorants and additives for printing inks – pigments – organic pigments

Fanal® pigments

Color salts of basic dyes and inorganic complex acids; they have very high color strength and yield very brilliant shades with medium light fastness, which is strongly influenced by the depth of shade and the inorganic complex acid contained in the pigment.

Fanal® pigments are sensitive to polar solvents and alkalis. This may have an adverse effect on the fastness to light, overcoating, and migration. The fastness to migration is impaired particularly in cases where a polyamide resin is used as the sole binder.

Fanal® Pink D 4810, Fanal® Violet D 6140 and Fanal® Blue D 6380 may, unless countermeasures are taken, have a catalytic effect on oxidation processes, e. g., accelerate drying, impair the shelf life of printing inks, as well as cause odor formation in polyamide-resin printing inks and softening of the ink film. Odors may also develop when printing on polyolefins.

product	Colour Index		chemical nature
	part 1	part 2	
Fanal® Pink D 4810	Pigment Red 169	45160:2	Rhodamine 6 G, CF lake
Fanal® Pink D 4830	Pigment Red 81:2	45161:1	Rhodamine 6 G, SM lake
Fanal® Violet D 5460	Pigment Violet 2	45175:1	Rhodamine 3 B, PTM lake
Fanal® Violet D 5480	Pigment Violet 1	45170:2 (similar)	Rhodamine B, PM lake
Fanal® Violet D 6060	Pigment Violet 3	42535:2 (similar)	Methyl violet, PTM lake
Fanal® Violet D 6070	Pigment Violet 3	42535:2 (similar)	Methyl violet, PM lake
Fanal® Violet D 6140	Pigment Violet 27	42535:3 (similar)	Methyl violet, CF lake
Fanal® Blue D 6340	Pigment Blue 1	42595:2 (similar)	Victoria pure blue L, PTM lake
Fanal® Blue D 6380	Pigment Blue 62	42595:4	Victoria pure blue L, CF lake
Fanal® Blue D 6390	Pigment Blue 1	42595:2 (similar)	Victoria pure blue L, PM lake
Fanal® Blue D 6391	Pigment Blue 1	42595:2 (similar)	Victoria pure blue L, PM lake
Fanal® Blue D 6393	Pigment Blue 1	42595:2 (similar)	Victoria pure blue L, PTM lake
Fanal® Green D 8330	Pigment Green 1	42040:1 (similar)	Diamond green G, PM lake

Colorants and additives for printing inks – pigments – organic pigments

Heliogen® pigments

phthalocyanine pigments with extremely good fastness properties for flexographic, gravure and decorative paste inks

product	Colour Index		chemical nature
	part 1	part 2	
Heliogen® Blue D 6700 T	Pigment Blue 15:6	74160	Cu phthalocyanine, epsilon
Heliogen® Blue D 6840	Pigment Blue 15	74160	Cu phthalocyanine, alpha unstable
Heliogen® Blue D 7079	Pigment Blue 15:3	74160	Cu phthalocyanine, beta
Heliogen® Blue D 7086	Pigment Blue 15:3	74160	Cu phthalocyanine, beta
Heliogen® Blue D 7092	Pigment Blue 15:3	74160	Cu phthalocyanine, beta
Heliogen® Blue D 7107	Pigment Blue 15:4	74160	Cu phthalocyanine, beta
Heliogen® Blue D 7490	Pigment Blue 16	74100	phthalocyanine, alpha
Heliogen® Green D 8605 DD	Pigment Green 7	74260	Cu phthalocyanine, halogenated
Heliogen® Green D 8725	Pigment Green 7	74260	Cu phthalocyanine, halogenated
Heliogen® Green D 8730	Pigment Green 7	74260	Cu phthalocyanine, halogenated
Heliogen® Green D 9360	Pigment Green 36	74265	Cu phthalocyanine, halogenated

Colorants and additives for printing inks – pigments – organic pigments

Lithol® pigments

azo color lakes with good to medium fastness properties

product	Colour Index		chemical nature
	part 1	part 2	
Lithol® Scarlet D 3700	Pigment Red 48:1	15865:1	BON red 2 B, Ba lake
Lithol® Scarlet D 4461	Pigment Red 48:2	15865:2	BON red 2 B, Ca lake

Colorants and additives for printing inks – pigments – organic pigments

Paliotol® pigments

organic pigments with very good fastness properties for gravure printing inks as well as decorative and tinplate printing inks

product	Colour Index		chemical nature
	part 1	part 2	
Paliotol® Yellow D 0960	Pigment Yellow 138	56300	quinophthalone yellow
Paliotol® Yellow D 1155	Pigment Yellow 185	56290	isoindoline yellow
Paliotol® Yellow D 1819	Pigment Yellow 139	56298	isoindoline yellow

Colorants and additives for printing inks – pigments – organic pigments
other organic pigments

particularly for special printing applications

product	Colour Index		chemical nature
	part 1	part 2	
Lumogen® Yellow S 0790	Pigment Yellow 101	48052	aldazine yellow
Paliogen® Black S 0084	Pigment Black 31	71132	perylene

Colorants and additives for printing inks – pigments – inorganic pigments

Magnetic pigments

magnetic pigments for magnetizable printing inks

product	Colour Index		chemical nature
	part 1	part 2	
Magnetic pigment 025 BASF			iron powder
Magnetic pigment 340 BASF	Pigment Black 11	77499	iron[II]/iron[III] oxide
Magnetic pigment 345 BASF	Pigment Black 11	77499	iron[II]/iron[III] oxide
Magnetic pigment 346 BASF	Pigment Black 11	77499	iron[II]/iron[III] oxide

Colorants and additives for printing inks – pigments – effect pigments

Mearlin® pearlescent pigments

Mearlin® pearlescent pigments are mica platelets coated with titanium dioxide and/or iron oxide that provide both color and exciting visual effects to a variety of coatings, plastics and printing ink applications.

These unique BASF luster pigments are transparent and reflect light because of their smooth surfaces and high index of refraction. Light reflected from the platelets creates a sense of depth and a luster that varies with particle size – smaller particles impart a satin sheen while larger particles create a more sparkly or glitter-like effect. Some Mearlin® special effect pigments have a multiple color play and dynamic color travel or "flop" in which the color changes with the viewing angle. Although these pigments are non-metallic, they can give finishes a metallic look. And all Mearlin® pigments are totally non-reactive and nontoxic.

Mearlin luster pigments for exterior use are engineered using BASF's proprietary CFS chrome-free surface treatment to improve adhesion and resistance to humidity in water-based coatings and chip resistance in solvent-based coatings. This makes them ideal for automotive coating applications and other outdoor uses, such as on lawn and garden furniture and outdoor appliances.

product	chemical nature
Mearlin® CFS Bright Silver 1303Z	
Mearlin® Micro White 139M	
Mearlin® Bright White 139X	
Mearlin® Bright Silver 139Z	
Mearlin® CFS Micro Gold 2303M	
Mearlin® CFS Super Gold 2303Z	
Mearlin® CFS Fine Brass 2323V	
Mearlin® Fine Brass 2329V	
Mearlin® Super Brass 2329Z	
Mearlin® Fine Gold 239V	
Mearlin® Bright Gold 239X	
Mearlin® Super Gold 239Z	
Mearlin® Bright Bronze 249X	
Mearlin® CFS Micro Bronze 2503M	
Mearlin® CFS Fine Bronze 2503V	

Colorants and additives for printing inks – pigments – effect pigments

Mearlin® pearlescent pigments

Mearlin® Super Bronze 259Z
Mearlin® CFS Micro Brass 2623M
Mearlin® CFS Fine Orange 3303V
Mearlin® CFS Super Orange 3303Z
Mearlin® Bright Orange 3339X
Mearlin® Hi-Lite Orange 339X
Mearlin® Super Orange 339Z
Mearlin® Bright Copper 349X
Mearlin® CFS Micro Copper 3503M
Mearlin® CFS Super Copper 3503Z
Mearlin® Fine Copper 359V
Mearlin® Super Copper 359Z
Mearlin® CFS Fine Red 4303V
Mearlin® CFS Super Red 4303Z
Mearlin® Hi-Lite Red 439X
Mearlin® Super Red 439Z
Mearlin® CFS Micro Russet 4503M
Mearlin® CFS Super Russet 4503Z
Mearlin® Fine Russet 459V
Mearlin® Super Russet 459Z
Mearlin® CFS Fine Violet 5303V
Mearlin® CFS Super Violet 5303Z
Mearlin® Fine Violet 539V
Mearlin® Hi-Lite Violet 539X
Mearlin® Super Violet 539Z
Mearlin® CFS Micro Blue 6303M
Mearlin® CFS Super Blue 6303Z
Mearlin® Fine Blue 639V

Colorants and additives for printing inks – pigments – effect pigments

Mearlin® pearlescent pigments

Mearlin® Hi-Lite Blue 639X

Mearlin® Super Blue 639Z

Mearlin® Blue Russet 659Z

Mearlin® Blue Green 7289Z

Mearlin® Bright Green 8289X

Mearlin® CFS Micro Green 8303M

Mearlin® CFS Super Green 8303Z

Mearlin® Fine Green 839V

Mearlin® Super Green 839Z

Mearlin® Satin White 9130 F

Mearlin® Micro Russet 9150M

Mearlin® Sparkle Gold 9220J

Mearlin® Sparkle Brass 9222J

Mearlin® Super Brass 9232Z

Mearlin® Sparkle Bronze 9250J

Mearlin® Super Bronze 9250Z

Mearlin® Mica Gold 9260M

Mearlin® Micro Brass 9262M

Mearlin® Super Sparkle 9320J

Mearlin® Super Orange 9330Z

Mearlin® Sparkle Copper 9350J

Mearlin® Micro Copper 9350M

Mearlin® Super Copper 9350Z

Mearlin® Sparkle Red 9420J

Mearlin® Sparkle Russet 9450J

Mearlin® Super Russet 9450Z

Mearlin® Sparkle Violet 9520J

Mearlin® Super Violet 9530Z

Colorants and additives for printing inks – pigments – effect pigments

Mearlin® pearlescent pigments

Mearlin® Sparkle Blue 9620J

Mearlin® Super Blue Russet 9650Z

Mearlin® Micro Blue 9660M

Mearlin® Sparkle Green 9820J

Mearlin® Micro Green 9860M

Colorants and additives for printing inks – pigments – effect pigments

MagnaPearl® effect pigments

MagnaPearl® pearlescent pigments are specially engineered to deliver superior whiteness, brilliance and hiding. Available in a variety of particle sizes, they create extraordinary optical effects ranging from a fine-grained luster to a bold silvery-white sparkle.

Made of mica platelets coated with titanium dioxide, MagnaPearl® pigments are free of solvents and heavy metals. The MagnaPearl® 1000, 2000, 3000, 4000 and 5000 series include grades coated with titanium dioxide crystals in either anatase or rutile form. Grades containing rutile crystals tend to have higher luster, coverage and whiteness, while grades containing anatase crystals are free of tin. Surface-treated MagnaPearl® pigments are available to prevent yellowing in plastics applications.

MagnaPearl® pigments for exterior use are engineered using BASF's proprietary CFS chrome-free surface treatment to improve adhesion and resistance to humidity in water-based coatings and chip resistance in solvent-based coatings. This makes them ideal for automotive coating applications and other outdoor uses, such as on lawn and garden furniture and outdoor appliances.

product	chemical nature
MagnaPearl® 1100	
MagnaPearl® 4000	
MagnaPearl® 5000	
MagnaPearl® 1000	
MagnaPearl® CFS 1103	
MagnaPearl® 2000	
MagnaPearl® 2100	
MagnaPearl® CFS 2103	
MagnaPearl® 2300	
MagnaPearl® 3000	
MagnaPearl® 3100	
MagnaPearl® CFS 3103	

Colorants and additives for printing inks – pigments – effect pigments

MicroPearl effect pigments

MicroPearl mica-based effect pigments offer the depth of conventional pearlescent finishes and the texture of solid colors. Due to their very fine particle size distribution, MicroPearl pigments provide increased hiding in coating and ink applications.

Available in a broad color palette, MicroPearl pigments come in two main product categories: coated with titanium dioxide to create a subtle two-tone effect that changes with the viewing angle, or coated with iron oxide for a metallic appearance.

Exterior grades, CFS-treated, are available.

Colorants and additives for printing inks – pigments – effect pigments

Black Olive™ effect pigment

Black Olive™ pigment is a black, mica-based effect pigment with champagne undertones. This revolutionary product actually extends the range of absorption colors possible with mica-based pigments to brown-black shades.

Until now, only green, pale gold and russet-red absorption colors have been available. Black Olive™ pigment's unique brown-black color space makes it ideal for shading neutral colors, helping make gun metals and silvers and adding an unusually bright face to dark-shade metallic colors.

Black Olive™ also can be used in conjunction with other special effect pigments to extend the palette of effects.

Black Olive™ pigment can be used in many diverse interior coatings, plastics and ink applications, including:

- molded-in plastic or coatings for electronic equipment
- appliances
- sporting goods and packaging
- specialty decorative coatings and inks
- coatings and inks for leather goods
- solid-surface applications (i.e., countertops and flooring)

Based on a unique chemistry that produces a black, lustrous, pearlescent finish, Black Olive™ pigment adds depth and luster to water-based, solvent-based and powder coatings. And given its unique color space, Black Olive™ pigment can create novel effects in molded plastic products.

Black Olive™ pigment for exterior use is engineered using BASF's proprietary CFS chrome-free surface treatment to improve adhesion and resistance to humidity in water-based coatings and chip resistance in solvent-based coatings. This makes it ideal for automotive coating applications and other outdoor uses, such as on lawn and garden furniture and outdoor appliances.

product	chemical nature
Black Olive™ 90C0Z	

Colorants and additives for printing inks – pigments – effect pigments

Firemist® effect pigments

Firemist® patented borosilicate-based pigments bring products to life with brilliant color and glittering effects. These advanced pigments, which create an exceptionally high visual impact, are specially formulated to out-perform traditional pearlescent pigments in chroma, color purity, brightness, transparency and reflectivity.

Firemist® pigments give designers and formulators a spectrum of advanced optical effects to work with.

For example, their smooth surface and larger particle size create a brilliant, starlike glitter, and blends of Firemist® pigments create true multicolor effects (individual colors come through because the pigments' exceptional transparency and chroma overcome the addition effects that gray-out normal pearls). Firemist® pigments also enhance the feeling of depth in coatings and plastics applications beyond that possible with mica-based pearls, because the borosilicate flakes promote light penetration. They are ideal for automotive trim applications such as powder coatings or plastic and leather coatings, and can be used in many other applications as well.

Firemist® pigments match the color palette of other pearls and work well with transparent organic colorants because of their flakes' high transparency. They also are approved for food contact, making them ideal for food packaging applications.

product	chemical nature
Firemist® Pearl 9G130L	
Firemist® Gold 9G230L	
Firemist® Red 9G430L	
Firemist® Violet 9G530L	
Firemist® Blue 9G630L	
Firemist® Turquoise 9G730L	
Firemist® Green 9G830L	

Colorants and additives for printing inks – pigments – effect pigments

Lumina® effect pigments

Lumina® pigments are mica-based effect pigments that create intriguing and dramatic visual effects in a wide variety of applications.

Lumina® colors feature increased chromaticity at the reflection angle and higher color purity and clarity than traditional interference colors. The result is cleaner shades, more saturated colors and stronger flip-flop effects in coatings, plastics and inks.

For example, in solvent- and water-based coating applications, Lumina® pigments' enhanced reflection creates the look of a three-coat effect in only two coats. Lumina® pigments enhance labels for luxury packaging and other luxury products. And in plastics applications, including injection molding, blow molding and extrusion processing, Lumina® pigments create multi-optical effects when combined with other effect or color pigments.

Lumina® pigments for exterior use are engineered using BASF's proprietary CFS chrome-free surface treatment to improve adhesion and resistance to humidity in water-based coatings and chip resistance in solvent-based coatings. This makes them ideal for automotive coating applications and other outdoor uses, such as on lawn and garden furniture and outdoor appliances.

Like other mica-based effect pigments, all Lumina® pigments are non-reactive, non-metallic and non-tarnishing.

product	chemical nature
Lumina® Gold 9130D	
Lumina® Brass 9232D	
Lumina® Copper 9350D	
Lumina® Russet 9450D	
Lumina® Red Blue 9830D	
Lumina® Aqua Blue 9A30D	
Lumina® Green 9G30D	
Lumina® Red 9R30D	
Lumina® Turquoise 9T30D	

Colorants and additives for printing inks – pigments – effect pigments

Mearlite® effect pigments

Mearlite® luster pigments impart a range of optical effects from a soft, satin luster to a sharp, metallic brilliance in plastics, coatings and inks. These effects are due to plate-like crystals of bismuth oxychloride that have a silver-white and transparent appearance.

Mearlite® pigments are available as dispersions in a variety of vehicles (e.g., alkyd, acrylic and cellulose nitrate) compatible with dip or spray coatings, inks and plastics resin systems. When used alone in spray coatings, Mearlite® pigments create a simulated pearl finish. When used as a reflective surface under transparent color coatings, they provide a candy apple effect. Mearlite® pigments also can create intense, lustrous colors when combined with organic pigments or dyes.

Mearlite® Ultra Bright grade provides the highest brilliance of any synthetic pearlescent pigment. It is the most widely used Mearlite® grade for coatings, inks and polyester castings.

Mearlite® Radiant Pearl combines the brilliance of Ultra Bright pigments with a surface treatment to reduce darkening by ultraviolet light. When formulated with UV absorbers, this grade is well-suited for exterior coatings.

Mearlite® Ultra Fine balances high luster and small particle size for use where larger pearlescent pigments cannot be applied.

product	chemical nature
Mearlite® Radiant Pearl SSQ	
Mearlite® Ultra Bright	
Mearlite® Ultra Fine	

Colorants and additives for printing inks – pigments – effect pigments

Dynacolor® effect pigments

Dynacolor® pearlescent pigments are specially engineered to add dramatic visual effects and a high degree of color purity and intensity coatings, printing inks and plastics.

As interference-type pigments, Dynacolor® grades exhibit a two-color play. The interference color occurs at the specular angle, while the absorption appears at the flop angle or diffuse angle. This effect is especially desirable in coating finishes when simulating a three-coat effect with only two coats.

In addition to their attractive appearance, Dynacolor® pigments also offer important production benefits such as ease of dispersion and reduced color bleed and migration. With the colorant already deposited on the pigment substrate, there is no need to add it separately. The constant colorant-to-particle ratio also promotes more predictable end-use results.

BASF offers many Dynacolor® pigments for a wide variety of dramatic effects. Dynacolor® exterior pigments are chemically treated to maximize their durability in outdoor applications.

product	chemical nature
Dynacolor® Exterior BY-B 239ZB15AA	
Dynacolor® Exterior GY 239ZG7A	
Dynacolor® Exterior BB 639ZB15C	
Dynacolor® Exterior BG 839ZB15A	
Dynacolor® BY-B 9239ZB15AA	
Dynacolor® GY 9239ZG7A	
Dynacolor® BB 9639ZB15C	

Colorants and additives for printing inks – pigments – effect pigments

Cyclo® effect pigments

Cyclo® pigments are mica-based effect pigments designed specifically to work with powder coatings, which are used for appliances, architecture and building applications.

Cyclo® pigments are engineered to improve application properties. Because of reduced build-up of pearl pigment on spray gun tips, Cyclo® pigments allow formulators to raise the amount of pearl in powder coating formulations. This offers more flexibility to formulators attempting to match the appearance of liquid coatings, which typically contain higher levels of pearl pigments.

Colorants and additives for printing inks – pigment preparations – aqueous preparations

Dispers preparation

aqueous free-flowing preparation of a Pigment Blue 15:3 with a non-ionic dispersing agent for water-thinnable printing inks

product	Colour Index		chemical nature
	part 1	part 2	
Dispers Blue 70-0507	Pigment Blue 15:3	74160	Cu phthalocyanine, beta

Colorants and additives for printing inks – soluble dyes – cationic dyes

Basonyl® dyes

cationic dyes with good solubility or dilutability in alcohols and glycol ethers, for solvent-based inks

physical form: powder and liquid grades

product	Colour Index		chemical nature
	part 1	part 2	
Basonyl® Black X11			mixture
Basonyl® Yellow 105	Basic Yellow 37	41001	diaryl methane
Basonyl® Red 482	Basic Red 1	45160	xanthene
Basonyl® Red 483	Basic Red 1	45160 (similar)	xanthene
Basonyl® Red 485	Basic Red 1:1	45161	xanthene
Basonyl® Red 540	Basic Violet 10	45170	xanthene
Basonyl® Red 545 liquid	Basic Violet 10	45170	xanthene
Basonyl® Red 555 liquid			xanthene
Basonyl® Red 560	Basic Violet 11:1	45174 (similar)	xanthene
Basonyl® Violet 602 liquid	Basic Violet 1	42535 (similar)	triaryl methane
Basonyl® Blue 636	Basic Blue 7	42595	triaryl methane
Basonyl® Blue 644 liquid	Basic Blue 26	44045 (similar)	triaryl methane
Basonyl® Green 830 liquid	Basic Green 4	42000 (similar)	triaryl methane

Colorants and additives for printing inks – soluble dyes – metal-complex dyes

Neozapon® dyes

metal-complex dyes (powder) with good to very good solubility in polar solvents, almost insoluble in water for flexographic and gravure printing inks

physical form: powder

product	Colour Index		chemical nature
	part 1	part 2	
Neozapon® Black X51	Solvent Black 27		1:2 Cr complex
Neozapon® Black X55	Solvent Black 29		1:2 Cr complex
Neozapon® Yellow 081	Solvent Yellow 79		1:1 Cr complex
Neozapon® Yellow 141	Solvent Yellow 81		1:1 Cr complex
Neozapon® Yellow 157	Solvent Yellow 82		1:2 Cr complex
Neozapon® Orange 245	Solvent Orange 56		1:1 Cr complex
Neozapon® Orange 251	Solvent Orange 54		1:2 Cr complex
Neozapon® Orange 272	Solvent Orange 99		1:2 Cr complex
Neozapon® Brown 322	Solvent Brown 42		1:2 Cr complex
Neozapon® Red 335	Solvent Red 122		1:2 Cr complex
Neozapon® Red 355	Solvent Red 119		1:2 Cr complex, color salt
Neozapon® Red 365	Solvent Red 160		1:2 Cr complex, color salt
Neozapon® Red 395	Solvent Red 122	(similar)	1:2 Cr complex
Neozapon® Red 471	Solvent Red 118		1:2 Co complex
Neozapon® Pink 478	Solvent Red 127		1:1 Cr complex
Neozapon® Blue 807	Solvent Blue 70		Cu phthalocyanine
Neozapon® Green 975			Cu phthalocyanine+1:1 Cr complex

Colorants and additives for printing inks – soluble dyes – color bases

Neptun® color bases

very pure color bases containing an extremely small proportion of insoluble constituents; soluble in acids (e. g., long-chain fatty acids), acid waxes and acid resins, for the brightening of toluene-based gravure inks

physical form: powder oder coarse powder

product	Colour Index		chemical nature
	part 1	part 2	
Neptun® Red Base 543	Solvent Red 49	45170:1	xanthene
Neptun® Red Base 546	Solvent Red 49	45170:1	xanthene

Colorants and additives for printing inks – process chemicals – complexing agent complexing agent for offset inks

Trilon® BDF dient in Offsetdruckfarben als Komplexbildner. Es bindet die in der Druckfarbe und im Wischwasser vorhandenen mehrwertigen Metallionen und verhindert so die Bildung von Metallseifen.

product	chemical nature
Trilon® BDF	disodium salt of EDTA

Colorants for specialty industries – pigments and pigment preparations – organic pigments

organic pigments

fields of application: crack detection, crayons, artist's colors, inked ribbons and fluorescent markers

product	Colour Index		chemical nature
	part 1	part 2	
Lumogen® Yellow S 0790	Pigment Yellow 101	48052	aldazine yellow
Paliogen® Black S 0084	Pigment Black 31	71132	perylene

Colorants for specialty industries – pigments and pigment preparations – inorganic pigments

Magnetic pigment

magnetic pigment for magnetizable MICR ribbons and toners

product	Colour Index		chemical nature
	part 1	part 2	
Magnetic Black S 0045	Pigment Black 11	77499	iron[II]/iron[III] oxide

Colorants for specialty industries – pigment preparations – aqueous preparations

Dispers preparations

aqueous free-flowing preparations of organic and inorganic pigments with dispersing agents for construction material, fertilizers, seed treatments, abradant media as well as many more chemical-technical materials

product	Colour Index		chemical nature
	part 1	part 2	
Dispers Black 0066	Pigment Black 7	77266	carbon black
Dispers Yellow 1780	Pigment Yellow 83	21108	diarylide yellow
Dispers Orange 3052	Pigment Orange 5	12075	Naphthol orange
Dispers Red 3855	Pigment Red 112	12370	Naphthol AS red
Dispers Red 3856	Pigment Red 112	12370	Naphthol AS red
Dispers Blue 6900	Pigment Blue 15:1	74160	Cu phthalocyanine, alpha stable
Dispers Green 8730	Pigment Green 7	74260	Cu phthalocyanine, halogenated

Colorants for specialty industries – pigment preparations – aqueous preparations

Dispers preparations for wood products

aqueous free-flowing preparations of organic and inorganic pigments with dispersing agents for the mass coloration and marking of wood products (MDF, HDF and particle board) and decorative papers, some grades also contain soluble dyes

product	Colour Index		chemical nature
	part 1	part 2	
Dispers White 0022	Pigment White 6	77891	titanium dioxide, rutile
Dispers Black 0076	Pigment Black 7	77266	carbon black
Dispers Black 0077			mixture
Dispers Black 0079			mixture
Dispers Orange 3055	Pigment Orange 34	21115	disazo pyrazolone
Dispers Brown 3581	Pigment Red 101	77491	iron[III] oxide
Dispers Red 4301			mixture
Dispers Blue 6910			mixture
Dispers Green 8711			mixture
Dispers Green 8733			mixture

Colorants for specialty industries – pigment preparations – powder preparations

Pigmosol® preparations

preparations of organic and inorganic pigments based on anionic wetting agents for construction materials (cement, plaster, mortar, concrete products, screed, sand-lime brick, dry mixes), fertilizers, nutritive salts, washing powders, household cleaning products and other materials of the chemical processing industry

Pigmosol® is a stir-in-like powder preparation that can be added directly to a dry powder or an aqueous liquid. It disperses spontaneously in aqueous media, practically without foaming.

physical form: free-flowing low-dusting powder

product	Colour Index		chemical nature
	part 1	part 2	
Pigmosol® Black 0058	Pigment Black 7	77266	carbon black
Pigmosol® Yellow 1250	Pigment Yellow 1	11680	arylide yellow
Pigmosol® Red 3855	Pigment Red 112	12370	Naphthol AS red
Pigmosol® Blue 6900	Pigment Blue 15:1	74160	Cu phthalocyanine, alpha stable
Pigmosol® Green 8730	Pigment Green 7	74260	Cu phthalocyanine, halogenated

Colorants for specialty industries – soluble dyes – anionic dyes

Basacid® dyes

anionic dyes for aqueous writing and ink-jet inks, crop protection agents, detergents, cleaners and wood preservatives

Basacid® Yellow 133 E and Basacid® Red 400 E conform to European Directive 95/45/EC.

physical form: powder and liquid grades

product	Colour Index		chemical nature
	part 1	part 2	
Basacid® Black X34 liquid			mixture
Basacid® Black X38 liquid			mixture
Basacid® Black X40 liquid	Acid Black 194		azo/1:2 Cr complex
Basacid® Yellow 093 liquid	Acid Yellow 3	47005	quinoline
Basacid® Yellow 099 liquid	Acid Yellow 5	47035 (similar)	quinoline
Basacid® Yellow 133 E	Acid Yellow 23	19140	azo
Basacid® Orange 282 liquid	Acid Orange 7	15510 (similar)	azo
Basacid® Red 316	Acid Red 87	45380	xanthene
Basacid® Red 400 E	Acid Red 18	16255	azo
Basacid® Red 495 liquid	Reactive Red 24:1	18208:1	azo
Basacid® Blue 762 liquid	Direct Blue 199	74190	Cu phthalocyanine
Basacid® Green 970	Acid Green 1	10020	nitroso

Colorants for specialty industries – soluble dyes – cationic dyes

Basonyl® dyes

cationic dyes with good solubility or dilutability in alcohols and glycol ethers, for daylight fluorescent pigments, color lakes and coloring of fertilizers

physical form: powder and liquid grades

product	Colour Index		chemical nature
	part 1	part 2	
Basonyl® Black X11			mixture
Basonyl® Yellow 105	Basic Yellow 37	41001	diaryl methane
Basonyl® Red 482	Basic Red 1	45160	xanthene
Basonyl® Red 483	Basic Red 1	45160 (similar)	xanthene
Basonyl® Red 485	Basic Red 1:1	45161	xanthene
Basonyl® Red 540	Basic Violet 10	45170	xanthene
Basonyl® Red 545 liquid	Basic Violet 10	45170	xanthene
Basonyl® Red 555 liquid			xanthene
Basonyl® Red 560	Basic Violet 11:1	45174 (similar)	xanthene
Basonyl® Violet 602 liquid	Basic Violet 1	42535 (similar)	triaryl methane
Basonyl® Blue 636	Basic Blue 7	42595	triaryl methane
Basonyl® Blue 644 liquid	Basic Blue 26	44045 (similar)	triaryl methane
Basonyl® Green 830 liquid	Basic Green 4	42000 (similar)	triaryl methane

Colorants for specialty industries – soluble dyes – metal-complex dyes

Neozapon® dyes

metal-complex dyes (powder) with good to very good solubility in polar solvents, almost insoluble in water for ball-point pen inks, writing and inkjet inks

physical form: powder or coarse powder

product	Colour Index		chemical nature
	part 1	part 2	
Neozapon® Black X51	Solvent Black 27		1:2 Cr complex
Neozapon® Black X55	Solvent Black 29		1:2 Cr complex
Neozapon® Yellow 081	Solvent Yellow 79		1:1 Cr complex
Neozapon® Yellow 141	Solvent Yellow 81		1:1 Cr complex
Neozapon® Yellow 157	Solvent Yellow 82		1:2 Cr complex
Neozapon® Orange 245	Solvent Orange 56		1:1 Cr complex
Neozapon® Orange 251	Solvent Orange 54		1:2 Cr complex
Neozapon® Orange 272	Solvent Orange 99		1:2 Cr complex
Neozapon® Brown 322	Solvent Brown 42		1:2 Cr complex
Neozapon® Red 335	Solvent Red 122		1:2 Cr complex
Neozapon® Red 355	Solvent Red 119		1:2 Cr complex, color salt
Neozapon® Red 365	Solvent Red 160		1:2 Cr complex, color salt
Neozapon® Red 395	Solvent Red 122	(similar)	1:2 Cr complex
Neozapon® Red 471	Solvent Red 118		1:2 Co complex
Neozapon® Blue 807	Solvent Blue 70		Cu phthalocyanine
Neozapon® Green 975			Cu phthalocyanine+1:1 Cr complex

Colorants for specialty industries – soluble dyes – solvent dyes

Neptun® dyes

high-purity solvent dyes with only a very small proportion of insoluble constituents

fields of application:

Neptun® Blue 698, Black X 17 liquid: ball-point pen inks

Neptun® Yellow 075: toner preparations

Neptun® Black X60: polishes

product	Colour Index		chemical nature
	part 1	part 2	
Neptun® Black X17 liquid	Solvent Black 46		
Neptun® Black X60	Solvent Black 3	26150	azo
Neptun® Yellow 075	Solvent Yellow 162		azo
Neptun® Blue 698	Solvent Blue 64		Cu phthalocyanine

Colorants for specialty industries – soluble dyes – color bases

Neptun® color bases

very pure color bases containing an extremely small proportion of insoluble constituents; soluble in acids (e. g., long-chain fatty acids), acidic waxes and acidic resins and for ball-point pen inks

physical form: powder oder coarse powder

product	Colour Index		chemical nature
	part 1	part 2	
Neptun® Red Base 543	Solvent Red 49	45170:1	xanthene
Neptun® Red Base 546	Solvent Red 49	45170:1	xanthene

Colorants for specialty industries – soluble dyes – other dyes
security dye

dye for security papers

physical form: liquid

product	Colour Index		chemical nature
	part 1	part 2	
Cheque Dyestuff AS liquid		45460	xanthene

Colorants for specialty industries – colorants for ceramics – color stains

Sicocer® F stains

high color strength, very pure shades, good chemical and thermal stability

coloring glazes and frits for wall tiles, floor tiles and sanitary ceramics as well as enamel and body

physical form: powder

product	Colour Index		chemical nature
	part 1	part 2	
Sicocer® F Gray 1985	Pigment Black 25	77332	Zr/Si/Co/Ni
Sicocer® F Yellow 2214	Pigment Yellow 159	77997	Zr/Si/Pr
Sicocer® F Coral 2315	Pigment Red 232	77996	Zr/Si/Fe
Sicocer® F Coral 2320	Pigment Red 232	77996	Zr/Si/Fe
Sicocer® F Coral 2350	Pigment Red 232	77996	Zr/Si/Fe
Sicocer® F Coral 2353	Pigment Red 232	77996	Zr/Si/Fe
Sicocer® F Red 2355	Pigment Red 232	77996	Zr/Si/Fe
Sicocer® F Turquoise 2504	Pigment Blue 71	77998	Zr/Si/V
Sicocer® F Blue 2508	Pigment Blue 72	77347	Co/Al
Sicocer® F Blue 2555	Pigment Blue 36	77343	Co/Al/Cr
Sicocer® F Brown 2726	Pigment Brown 33	77503	Zn/Fe/Cr
Sicocer® F Brown 2730	Pigment Brown 33	77503	Zn/Fe/Cr
Sicocer® F Black 2904	Pigment Black 27	77502	Co/Cr/Fe/Mn/Ni
Sicocer® F Black 2955	Pigment Black 27	77502	Co/Cr/Fe/Mn/Ni
Sicocer® F Pink 10307	Pigment Red 233	77301	Ca/Sn/Si/Cr
Sicocer® F Pink 10309	Pigment Red 233	77301	Ca/Sn/Si/Cr
Sicocer® F Pink 10310	Pigment Red 233	77301	Ca/Sn/Si/Cr
Sicocer® F Blue Green 10407	Pigment Blue 36	77343	Co/Al/Cr
Sicocer® F Cobalt Blue 10517	Pigment Blue 73	77364	Co/Si
Sicocer® F Red Brown 10705	Pigment Brown 33	77503	Zn/Fe/Cr

Colorants for specialty industries – colorants for ceramics – color stains

Sicocer® F stains

Sicocer® F Black 10901	Pigment Black 27	77502	Co/Cr/Fe/Mn
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Coatings

item number	language(s)	type	title	issue date
 EVP 06406-0612 DE	English/German	technical data sheet	Basantol® Red 311 liquid	December 2006
EVP 1407 E	English	brochure	Basantol® U: liquid dyes for wood stains in water/solvent combinations – Try the new color handling!	March 2007
EVP 1307 E	English	brochure	Basantol®: Liquid dyes for wood stains in waterborne systems – Simply the best for wood!	March 2007
EVP 1706 E	English	brochure	BASF pigments for mixing systems – The response to highest demands! (industrial paints)	May 2006
EVP 1207 E	English	brochure	Coil coating – Pigments, crosslinkers and additives	March 2007
 EVP 008705-0511 E	English	Technical Information	Dissolver dispersion of pigments	November 2005
 EVP 06505-0708 DE	English/German	technical data sheet	Heliogen® Blue L 6700 F	August 2007
 EVP 06605-0708 DE	English/German	technical data sheet	Heliogen® Blue L 6870	August 2007
 EVP 06705-0708 DE	English/German	technical data sheet	Heliogen® Blue L 6875 F	August 2007
 EVP 06805-0708 DE	English/German	technical data sheet	Heliogen® Blue L 6900	August 2007
 EVP 06905-0708 DE	English/German	technical data sheet	Heliogen® Blue L 6901 F	August 2007
 EVP 07005-0708 DE	English/German	technical data sheet	Heliogen® Blue L 6905 F	August 2007
 EVP 07105-0708 DE	English/German	technical data sheet	Heliogen® Blue L 6920	August 2007
 EVP 07205-0708 DE	English/German	technical data sheet	Heliogen® Blue L 6930	August 2007
 EVP 02507-0708 DE	English/German	technical data sheet	Heliogen® Blue L 6950	August 2007
EVP 4307 E	English	brochure	Heliogen® Blue L 6950 – State-of-the-art blue	September 2007
 EVP 07305-0708 DE	English/German	technical data sheet	Heliogen® Blue L 6975 F	August 2007
 EVP 07405-0708 DE	English/German	technical data sheet	Heliogen® Blue L 6989 F	August 2007
 EVP 07605-0708 DE	English/German	technical data sheet	Heliogen® Blue L 7072 D	August 2007
 EVP 07705-0708 DE	English/German	technical data sheet	Heliogen® Blue L 7080	August 2007
 EVP 07805-0708 DE	English/German	technical data sheet	Heliogen® Blue L 7081 D	August 2007
 EVP 07905-0708 DE	English/German	technical data sheet	Heliogen® Blue L 7085	August 2007
 EVP 08005-0708 DE	English/German	technical data sheet	Heliogen® Blue L 7101 F	August 2007
 EVP 08105-0708 DE	English/German	technical data sheet	Heliogen® Blue L 7460	August 2007

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 EVP 08205-0708 DE	English/German	technical data sheet	Heliogen® Green L 8605	August 2007
 EVP 08305-0708 DE	English/German	technical data sheet	Heliogen® Green L 8690	August 2007
 EVP 08405-0708 DE	English/German	technical data sheet	Heliogen® Green L 8730	August 2007
 EVP 08505-0708 DE	English/German	technical data sheet	Heliogen® Green L 8731	August 2007
 EVP 08605-0708 DE	English/German	technical data sheet	Heliogen® Green L 8735	August 2007
 EVP 08705-0708 DE	English/German	technical data sheet	Heliogen® Green L 9361	August 2007
 EVP 003205-0708 E	English	Technical Information	Heliogen® pigments for coatings	August 2007
 EVP 08905-0602 DE	English/German	technical data sheet	Lithol® Fast Maroon L 4763	March 2006
 EVP 08805-0602 DE	English/German	technical data sheet	Lithol® Fast Scarlet L 4300	March 2006
EVP 0706 DE	English/German	CD/DVD Rom	Lucolor® 2.3 – Colorants for coatings	October 2006
 EVP 04606-0612 DE	English/German	technical data sheet	Luconyl® Black 0060	February 2007
 EVP 04706-0612 DE	English/German	technical data sheet	Luconyl® Black 0066	February 2007
 EVP 05706-0612 DE	English/German	technical data sheet	Luconyl® Blue 6900	February 2007
 EVP 04306-0611 DE	English/German	technical data sheet	Luconyl® Blue 7080	November 2006
 EVP 04006-0611 DE	English/German	technical data sheet	Luconyl® Brown 2915	November 2006
 EVP 03806-0610 DE	English/German	technical data sheet	Luconyl® Green 8730	November 2006
 EVP 03706-0610 DE	English/German	technical data sheet	Luconyl® Green 9360	October 2006
EVP 1507 DE	English/German	pocket shade card	Luconyl® NG – The new range for aqueous pigment preparations	April 2007
EVP 3406 E	English	brochure	Luconyl® NG – The new range of aqueous pigment preparations	December 2006
 EVP 03506-0610 DE	English/German	technical data sheet	Luconyl® NG Black 0060	October 2006
 EVP 03506-0703 DE	English/German	technical data sheet	Luconyl® NG Black 0060	March 2007
 EVP 02107-0703 DE	English/German	technical data sheet	Luconyl® NG Black 0066	March 2007
 EVP 02306-0703 DE	English/German	technical data sheet	Luconyl® NG Blue 6900	March 2007
 EVP 02406-0703 DE	English/German	technical data sheet	Luconyl® NG Blue 7080	March 2007
 EVP 02307-0703 DE	English/German	technical data sheet	Luconyl® NG Brown 2915	March 2007
 EVP 02506-0703 DE	English/German	technical data sheet	Luconyl® NG Green 8730	March 2007

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 EVP 02606-0703 DE	English/German	technical data sheet	Luconyl® NG Green 9360	March 2007
 EVP 02106-0703 DE	English/German	technical data sheet	Luconyl® NG Magenta 4790	March 2007
 EVP 01906-0703 DE	English/German	technical data sheet	Luconyl® NG Orange 2930	March 2007
 EVP 02407-0703 DE	English/German	technical data sheet	Luconyl® NG Orange 3111	March 2007
 EVP 01806-0703 DE	English/German	technical data sheet	Luconyl® NG Red 2817	March 2007
 EVP 02906-0703 DE	English/German	technical data sheet	Luconyl® NG Red 3855	March 2007
 EVP 02006-0703 DE	English/German	technical data sheet	Luconyl® NG Red 3860	March 2007
 EVP 02206-0703 DE	English/German	technical data sheet	Luconyl® NG Violet 5894	March 2007
 EVP 03406-0703 DE	English/German	technical data sheet	Luconyl® NG White 0022	March 2007
 EVP 03406-0610 DE	English/German	technical data sheet	Luconyl® NG White 0022	October 2006
 EVP 02207-0703 DE	English/German	technical data sheet	Luconyl® NG Yellow 0911	March 2007
 EVP 02007-0703 DE	English/German	technical data sheet	Luconyl® NG Yellow 0962	March 2007
 EVP 01406-0703 DE	English/German	technical data sheet	Luconyl® NG Yellow 1100	March 2007
 EVP 01506-0703 DE	English/German	technical data sheet	Luconyl® NG Yellow 1256	March 2007
 EVP 01606-0703 DE	English/German	technical data sheet	Luconyl® NG Yellow 1916	March 2007
 EVP 01706-0703 DE	English/German	technical data sheet	Luconyl® NG Yellow 1995	March 2007
 EVP 05306-0612 DE	English/German	technical data sheet	Luconyl® Orange 2416	February 2007
 EVP 05406-0612 DE	English/German	technical data sheet	Luconyl® Orange 3053	February 2007
 EVP 03006-0610 DE	English/German	technical data sheet	Luconyl® Red 2817	October 2006
 EVP 05506-0612 DE	English/German	technical data sheet	Luconyl® Red 3396	February 2007
 EVP 04406-0611 DE	English/German	technical data sheet	Luconyl® Red 3855	December 2006
 EVP 05606-0612 DE	English/German	technical data sheet	Luconyl® Violet 5894	February 2007
 EVP 04506-0612 DE	English/German	technical data sheet	Luconyl® White 0022	February 2007
 EVP 03606-0610 DE	English/German	technical data sheet	Luconyl® Yellow 1100	October 2006
 EVP 04806-0612 DE	English/German	technical data sheet	Luconyl® Yellow 1250	February 2007
 EVP 04906-0612 DE	English/German	technical data sheet	Luconyl® Yellow 1252	February 2007

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item number	language(s)	type	title	issue date
 EVP 05006-0612 DE	English/German	technical data sheet	Luconyl® Yellow 1770	February 2007
 EVP 05106-0612 DE	English/German	technical data sheet	Luconyl® Yellow 1916	February 2007
 EVP 05206-0612 DE	English/German	technical data sheet	Luconyl® Yellow 1995	February 2007
 EVP 13505-0602 DE	English/German	technical data sheet	Neozapon® Black X51	March 2006
 EVP 13605-0602 DE	English/German	technical data sheet	Neozapon® Black X55	March 2006
 EVP 13305-0602 DE	English/German	technical data sheet	Neozapon® Blue 807	March 2006
 EVP 05605-0608 DE	English/German	technical data sheet	Neozapon® Brown 322	March 2006
 EVP 001905-0608 E	English	Technical Information	Neozapon® dyes	April 2006
 EVP 13405-0602 DE	English/German	technical data sheet	Neozapon® Green 975	March 2006
 EVP 05305-0602 DE	English/German	technical data sheet	Neozapon® Orange 245	March 2006
 EVP 05405-0602 DE	English/German	technical data sheet	Neozapon® Orange 251	March 2006
 EVP 05505-0602 DE	English/German	technical data sheet	Neozapon® Orange 272	March 2006
 EVP 13205-0602 DE	English/German	technical data sheet	Neozapon® Pink 478	March 2006
EVP 2306 E	English	brochure	Neozapon® powder dyes for solvent-borne systems – The first solution	September 2006
EVP 2306S E	English	shade card	Neozapon® powder dyes for solvent-borne systems – The first solution	October 2006
 EVP 05705-0608 DE	English/German	technical data sheet	Neozapon® Red 335	March 2006
 EVP 05805-0608 DE	English/German	technical data sheet	Neozapon® Red 355	March 2006
 EVP 05905-0602 DE	English/German	technical data sheet	Neozapon® Red 365	March 2006
 EVP 13005-0602 DE	English/German	technical data sheet	Neozapon® Red 395	March 2006
 EVP 13105-0602 DE	English/German	technical data sheet	Neozapon® Red 471	March 2006
 EVP 05005-0602 DE	English/German	technical data sheet	Neozapon® Yellow 081	March 2006
 EVP 05105-0602 DE	English/German	technical data sheet	Neozapon® Yellow 141	March 2006
 EVP 05205-0608 DE	English/German	technical data sheet	Neozapon® Yellow 157	March 2006
EVP 2007 E	English	brochure	Paint it cool! – Pigments for solar heat management in paints	May 2007
 EVP 11505-0602 DE	English/German	technical data sheet	Paliocrom® Gold L 2000	March 2006

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item number	language(s)	type	title	issue date
 EVP 11605-0602 DE	English/German	technical data sheet	Paliocrom® Gold L 2020	March 2006
 EVP 11705-0602 DE	English/German	technical data sheet	Paliocrom® Orange L 2800	March 2006
EVP 0905 E	English	shade card	Paliocrom® Sparkling Red – The effect of effects	April 2005
 EVP 09005-0708 DE	English/German	technical data sheet	Paliogen® Black L 0086	August 2007
EVP 2207 E	English	brochure	Paliogen® Blue L 6360	April 2007
 EVP 03906-0708 DE	English/German	technical data sheet	Paliogen® Blue L 6360	August 2007
 EVP 09705-0708 DE	English/German	technical data sheet	Paliogen® Blue L 6385	August 2007
 EVP 09805-0708 DE	English/German	technical data sheet	Paliogen® Blue L 6470	August 2007
 EVP 09905-0708 DE	English/German	technical data sheet	Paliogen® Blue L 6480	August 2007
 EVP 10005-0708 DE	English/German	technical data sheet	Paliogen® Blue L 6482	August 2007
 EVP 10105-0708 DE	English/German	technical data sheet	Paliogen® Blue L 6495 F	August 2007
 EVP 09405-0708 DE	English/German	technical data sheet	Paliogen® Maroon L 3920	August 2007
 EVP 09505-0708 DE	English/German	technical data sheet	Paliogen® Maroon L 3980	August 2007
 EVP 004204-0708 E	English	Technical Information	Paliogen® pigments for coatings	August 2007
 EVP 01106-0708 DE	English/German	technical data sheet	Paliogen® Red L 3875	August 2007
 EVP 09105-0708 DE	English/German	technical data sheet	Paliogen® Red L 3880 HD	August 2007
 EVP 09205-0708 DE	English/German	technical data sheet	Paliogen® Red L 3885	August 2007
 EVP 09305-0708 DE	English/German	technical data sheet	Paliogen® Red L 3910 HD	August 2007
 EVP 09605-0708 DE	English/German	technical data sheet	Paliogen® Red L 4120	August 2007
EVP 3506 E	English	brochure	Paliotan® – The new Paliotan® pigments. Time to replace lead chromate!	December 2006
 EVP 00805-0602 DE	English/German	technical data sheet	Paliotan® Orange L 2935	March 2006
 EVP 00905-0602 DE	English/German	technical data sheet	Paliotan® Red L 3735	March 2006
 EVP 04206-0611 DE	English/German	technical data sheet	Paliotan® Red L 3745	November 2006
 EVP 01005-0602 DE	English/German	technical data sheet	Paliotan® Yellow L 1135	March 2006
 EVP 00205-0602 DE	English/German	technical data sheet	Paliotan® Yellow L 1145	March 2006

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 EVP 00305-0602 DE	English/German	technical data sheet	Paliotan® Yellow L 1240	March 2006
 EVP 00405-0602 DE	English/German	technical data sheet	Paliotan® Yellow L 1645	March 2006
 EVP 00505-0602 DE	English/German	technical data sheet	Paliotan® Yellow L 1945	March 2006
 EVP 00605-0602 DE	English/German	technical data sheet	Paliotan® Yellow L 2045	March 2006
 EVP 00705-0602 DE	English/German	technical data sheet	Paliotan® Yellow L 2145 H	March 2006
 EVP 10205-0602 DE	English/German	technical data sheet	Paliotol® Black L 0080	March 2006
 EVP 11005-0607 DE	English/German	technical data sheet	Paliotol® Orange L 2930 HD	July 2006
 EVP 004304.0 E	English	Technical Information	Paliotol® pigments for coatings	November 2004
 EVP 10305-0602 DE	English/German	technical data sheet	Paliotol® Yellow L 0960 HD	March 2006
 EVP 10405-0602 DE	English/German	technical data sheet	Paliotol® Yellow L 0962 HD	March 2006
 EVP 10505-0602 DE	English/German	technical data sheet	Paliotol® Yellow L 1155	March 2006
 EVP 10605-0602 DE	English/German	technical data sheet	Paliotol® Yellow L 1772	March 2006
 EVP 10705-0602 DE	English/German	technical data sheet	Paliotol® Yellow L 1820	March 2006
 EVP 10805-0602 DE	English/German	technical data sheet	Paliotol® Yellow L 1970	March 2006
 EVP 10905-0602 DE	English/German	technical data sheet	Paliotol® Yellow L 2140 HD	March 2006
 EVP 03405-0602 DE	English/German	technical data sheet	Paliotol® Yellow L 2146 HD	March 2006
EVP 1705 E	English	brochure	Paliotol® Yellow L 2146 HD – The yellow with more potential!	April 2005
EVP 1704 E	English	pocket shade card	Pigments for coatings	December 2004
 EVP 008105-0511 E	English	Technical Information	Pigments for epoxy resins	November 2005
 EVP 008405-0512 E	English	Technical Information	Pigments for UV-curable coatings systems	December 2005
EVP 1105 E	English	brochure	Powder coatings – We make your powder coating more colorful: Colorants and additives from BASF for powder coatings	July 2005
EVP 3307 DE	English/German	flyer	Resisting the heat – New bismuth vanadate pigment minimises degradation from over-stoving	April 2007
 EVP 008305-0704 E	English	Technical Information	Sico® and Lithol® pigments for coatings	April 2007
 EVP 11305-0704 DE	English/German	technical data sheet	Sico® Fast Red L 3855	April 2007
 EVP 11205-0602 DE	English/German	technical data sheet	Sico® Red L 3750	March 2006

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 EVP 11105-0602 DE	English/German	technical data sheet	Sico® Yellow FR 1252	March 2006
 EVP 004905-0507 E	English	Technical Information	Sicoflush® preparations	July 2005
EVP 1105S E	English	flyer	Sicomin® pigments	July 2005
 EVP 008505-0606 E	English	Technical Information	Sicomin® pigments for coatings	October 2006
EVP 1605S E	English	flyer	Sicomin® pigments for coil coating	April 2005
 EVP 007805-0512 E	English	Technical Information	Sicopal® pigments for coatings	December 2005
 EVP 11805-0602 DE	English/German	technical data sheet	Sicopal® Yellow L 1100	March 2006
 EVP 00106-0607 DE	English/German	technical data sheet	Sicopal® Yellow L 1110	July 2006
 EVP 00206-0607 DE	English/German	technical data sheet	Sicopal® Yellow L 1120	July 2006
 EVP 11905-0607 DE	English/German	technical data sheet	Sicopal® Yellow L 1600	July 2006
EVP 0604 D	German	brochure	Sicopal®: Brillanter Vorreiter (Bismutvanadat)	March 2004
 EVP 008205-0511 E	English	Technical Information	Sicotan® pigments for coatings	November 2005
 EVP 12005-0602 DE	English/German	technical data sheet	Sicotan® Yellow L 1010	March 2006
 EVP 00306-0612 DE	English/German	technical data sheet	Sicotan® Yellow L 1011	December 2006
 EVP 12105-0602 DE	English/German	technical data sheet	Sicotan® Yellow L 1012	March 2006
 EVP 12205-0602 DE	English/German	technical data sheet	Sicotan® Yellow L 1910	March 2006
 EVP 12305-0602 DE	English/German	technical data sheet	Sicotan® Yellow L 1912	March 2006
 EVP 12405-0602 DE	English/German	technical data sheet	Sicotan® Yellow L 2010	March 2006
 EVP 00406-0610 DE	English/German	technical data sheet	Sicotan® Yellow L 2011	October 2006
 EVP 02705-0610 DE	English/German	technical data sheet	Sicotan® Yellow L 2107	October 2006
 EVP 12505-0602 DE	English/German	technical data sheet	Sicotan® Yellow L 2110	March 2006
 EVP 00606-0607 DE	English/German	technical data sheet	Sicotrans® Orange L 2416	July 2006
 EVP 008605-0511 E	English	Technical Information	Sicotrans® pigments for coatings	November 2005
 EVP 00706-0607 DE	English/German	technical data sheet	Sicotrans® Red L 2715 D	July 2006
 EVP 00806-0607 DE	English/German	technical data sheet	Sicotrans® Red L 2816	July 2006
 EVP 12705-0602 DE	English/German	technical data sheet	Sicotrans® Red L 2817	March 2006

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 EVP 12805-0607 DE	English/German	technical data sheet	Sicotrans® Red L 2818	July 2006
 EVP 12905-0607 DE	English/German	technical data sheet	Sicotrans® Red L 2915 D	July 2006
 EVP 00506-0607 DE	English/German	technical data sheet	Sicotrans® Yellow L 1915	July 2006
 EVP 12605-0602 DE	English/German	technical data sheet	Sicotrans® Yellow L 1916	March 2006
 EVP 000106-0609 E	English	Technical Information	Test methods for colorants for coatings	October 2006
EVP 0407X DE	English/German	pocket shade card	Xfast® – fast, safe, clean! Stir-in pigments for the coloration of paints and coatings	April 2007
EVP 3706 E	English	brochure	Xfast® – More flexibility with Xfast®: The stir-in class	December 2006
EVP 3606 E	English	brochure	Xfast® – More flexibility with Xfast®: The stir-in class for transparent wood glazes	December 2006
 EVP 03705-0602 DE	English/German	technical data sheet	Xfast® Black 0066	March 2006
 EVP 03106-0610 DE	English/German	technical data sheet	Xfast® Black ED 7928 (0050)	October 2006
 EVP 03005-0602 DE	English/German	technical data sheet	Xfast® Black ED 7950 (0084)	March 2006
 EVP 00906-0603 DE	English/German	technical data sheet	Xfast® Black EH 0249 (0060)	March 2006
 EVP 04905-0602 DE	English/German	technical data sheet	Xfast® Blue 6875	March 2006
 EVP 06005-0602 DE	English/German	technical data sheet	Xfast® Blue 7080	March 2006
 EVP 01105-0602 DE	English/German	technical data sheet	Xfast® Blue ED 7905 (6310)	March 2006
 EVP 04305-0602 DE	English/German	technical data sheet	Xfast® Brown 2915	March 2006
EVP 2307 E	English	brochure	Xfast® Brown 2915 / Luconyl® NG Brown 2915 für orange and red shades – Impressive results in every formulation!	May 2007
 EVP 06105-0602 DE	English/German	technical data sheet	Xfast® Green 8730	March 2006
 EVP 03105-0602 DE	English/German	technical data sheet	Xfast® Green ED 7995 (9990)	March 2006
 EVP 04705-0602 DE	English/German	technical data sheet	Xfast® Magenta 4790	March 2006
 EVP 04405-0602 DE	English/German	technical data sheet	Xfast® Orange 2930	March 2006
 EVP 02907-0706 DE	English/German	technical data sheet	Xfast® Orange EH 0397 (3100)	June 2007
 EVP 04505-0602 DE	English/German	technical data sheet	Xfast® Red 3855	March 2006
 EVP 04605-0602 DE	English/German	technical data sheet	Xfast® Red 3860	March 2006

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	EVP 01006-0603 DE	English/German	technical data sheet	Xfast® Red EH 0279 (3390)	March 2006
	EVP 04205-0602 DE	English/German	technical data sheet	Xfast® Rot 2817	March 2006
	EVP 2807 E	English	brochure	Xfast® stir-in pigments for solar heat management – Cool down your paints	May 2007
	EVP 04805-0602 DE	English/German	technical data sheet	Xfast® Violet 5894	March 2006
	EVP 01306-0604 DE	English/German	technical data sheet	Xfast® White EH 0299 (0025)	April 2006
	EVP 03805-0602 DE	English/German	technical data sheet	Xfast® Yellow 0962	March 2006
	EVP 04005-0602 DE	English/German	technical data sheet	Xfast® Yellow 1256	March 2006
	EVP 04105-0602 DE	English/German	technical data sheet	Xfast® Yellow 1916	March 2006
	EVP 03305-0602 DE	English/German	technical data sheet	Xfast® Yellow EH 0221 (1990)	March 2006
	EVP 01206-0603 DE	English/German	technical data sheet	Xfast® Yellow EH 0292 (1102)	April 2006

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Plastics

item number	language(s)	type	title	issue date
EVP 0206 E	English	brochure	Approved! – The BASF product compliance guide for plastics	November 2006
EVP 0606 E	English	brochure	Color your fibers with warranty! – FP pigments with certified filter pressure value	February 2006
 EVP 008905-0512 E	English	Technical Information	Colorants for plastics	December 2005
EVP 0107 DE	English/German	pocket shade card	Eupolen® pigment concentrates for masterbatch production	February 2007
 EVP 003905-0506 E	English	Technical Information	Eupolen® preparations	June 2005
EVP 1606 E	English	brochure	Eupolen® preparations for plastics – Simple as child's play!	May 2006
 EVP 001003.1 E	English	Technical Information	Euvynil® C preparations	December 2004
EVP 2605 DE	English/German	pocket shade card	Euvynil® C preparations for coloring PVC compounds	June 2005
EVP 2806 E	English	brochure	Get your yellow organized – Yellow pigments for the coloring of plastics	November 2006
EVP 2005 E	English	brochure	Heliogen® Blue K 7104 LW – No warping, stable dimension!	June 2005
EVP 0106 E	English	brochure	Heliogen® Green K 8740 LW – No warping, stable dimension!	March 2006
EVP 2506 E	English	brochure	Keep cool! Products for solar heat management in plastics	October 2006
EVP 1804 E	English	CD/DVD Rom	Lucolor® 3.1 – Colorants for plastics	August 2004
EVP 2206 E	English	brochure	Lumogen® Black – We have cut the solar heat buildup of black in half.	June 2006
EVP 2406 E	English	brochure	Lumogen® IR keeps your laser's promises – Laser transmission welding of colored and transparent polymers	June 2006
EVP 3405 E	English	brochure	Lumogen® IR: All colors – polymer welding with lasers	September 2005
 EVP 000803.1 E	English	Technical Information	Oppasin® preparations	November 2004
EVP 2705 DE	English/German	pocket shade card	Oppasin® preparations for coloring rubber	June 2005
EVP 00107-0701 DE	English/German	shade card	Paliotol® Yellow K 0940	January 2007
EVP 0707 E	English	brochure	Paliotol® Yellow K 0940: The new benchmark in yellow – greenish, color strength, transparent	February 2007
EVP 2405 DE	English/German	pocket shade card	Pigments for plastics	June 2005

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	EVP 4507 E	English	brochure	Sicopal® Black K 0095 – Cool black magic: NIR-reflecting black pigment	September 2007
	EVP 2006 E	English	poster	Uvinul® – Get a grip on light with Uvinul®	May 2006
	EVP 3306 E	English	brochure	Uvinul® – Get a grip on light with Uvinul®!	November 2006
	EVP 1506 E	English	pocket shade card	Uvinul® – Get a grip on light with Uvinul®!	April 2006
	EVP 3705 E	English	brochure	Uvinul® – Light stabilisation and more	November 2005
	EVP 004605-0709 E	English	Technical Information	Uvinul® light stabilizers	September 2007

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 EVP 21705-0602 DE	English/German	technical data sheet	Basonyl® Black X11	March 2006
 EVP 21405-0602 DE	English/German	technical data sheet	Basonyl® Blue 636	March 2006
 EVP 21505-0602 DE	English/German	technical data sheet	Basonyl® Blue 644 liquid	March 2006
 EVP 005105-0512 E	English	Technical Information	Basonyl® dyes	December 2005
 EVP 21605-0602 DE	English/German	technical data sheet	Basonyl® Green 830 liquid	March 2006
 EVP 20605-0602 DE	English/German	technical data sheet	Basonyl® Red 482	March 2006
 EVP 20705-0602 DE	English/German	technical data sheet	Basonyl® Red 483	March 2006
 EVP 20805-0602 DE	English/German	technical data sheet	Basonyl® Red 485	March 2006
 EVP 20905-0602 DE	English/German	technical data sheet	Basonyl® Red 540	March 2006
 EVP 21005-0602 DE	English/German	technical data sheet	Basonyl® Red 545 liquid	March 2006
 EVP 21105-0602 DE	English/German	technical data sheet	Basonyl® Red 555 liquid	March 2006
 EVP 21205-0602 DE	English/German	technical data sheet	Basonyl® Red 560	March 2006
 EVP 21305-0602 DE	English/German	technical data sheet	Basonyl® Violet 602 liquid	March 2006
 EVP 20505-0602 DE	English/German	technical data sheet	Basonyl® Yellow 105	March 2006
 EVP 18005-0602 DE	English/German	technical data sheet	Cheque dye AS liquid	March 2006
 EVP 02505-0602 DE	English/German	technical data sheet	Dispers Blue 70-0507	March 2006
 EVP 15205-0602 DE	English/German	technical data sheet	Fanal® Blue D 6340	March 2006
 EVP 15305-0602 DE	English/German	technical data sheet	Fanal® Blue D 6380	March 2006
 EVP 15405-0602 DE	English/German	technical data sheet	Fanal® Blue D 6390	March 2006
 EVP 15505-0602 DE	English/German	technical data sheet	Fanal® Blue D 6391	March 2006
 EVP 00105-0602 DE	English/German	technical data sheet	Fanal® Blue D 6393	March 2006
 EVP 15605-0609 DE	English/German	technical data sheet	Fanal® Green D 8330	September 2006
 EVP 14505-0602 DE	English/German	technical data sheet	Fanal® Pink D 4810	March 2006
 EVP 14605-0602 DE	English/German	technical data sheet	Fanal® Pink D 4830	March 2006
 EVP 14705-0602 DE	English/German	technical data sheet	Fanal® Violet D 5460	March 2006
 EVP 14805-0602 DE	English/German	technical data sheet	Fanal® Violet D 5480	March 2006

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 EVP 14905-0602 DE	English/German	technical data sheet	Fanal® Violet D 6060	March 2006
 EVP 15005-0602 DE	English/German	technical data sheet	Fanal® Violet D 6070	March 2006
 EVP 15105-0602 DE	English/German	technical data sheet	Fanal® Violet D 6140	March 2006
 EVP 22405-0602 DE	English/German	technical data sheet	Heliogen® Blau D 7079	March 2006
 EVP 15705-0602 DE	English/German	technical data sheet	Heliogen® Blue D 6700 T	March 2006
 EVP 15805-0709 DE	English/German	technical data sheet	Heliogen® Blue D 6840	September 2007
 EVP 22505-0602 DE	English/German	technical data sheet	Heliogen® Blue D 7086	March 2006
 EVP 15905-0602 DE	English/German	technical data sheet	Heliogen® Blue D 7092	March 2006
 EVP 16005-0602 DE	English/German	technical data sheet	Heliogen® Blue D 7107	March 2006
 EVP 16105-0602 DE	English/German	technical data sheet	Heliogen® Blue D 7490	March 2006
 EVP 16205-0602 DE	English/German	technical data sheet	Heliogen® Green D 8605 DD	March 2006
 EVP 16305-0602 DE	English/German	technical data sheet	Heliogen® Green D 8725	March 2006
 EVP 16405-0602 DE	English/German	technical data sheet	Heliogen® Green D 8730	March 2006
 EVP 16505-0602 DE	English/German	technical data sheet	Heliogen® Green D 9360	March 2006
 EVP 16605-0602 DE	English/German	technical data sheet	Lithol® Scarlet D 3700	March 2006
 EVP 16705-0602 DE	English/German	technical data sheet	Lithol® Scarlet D 4461	March 2006
 EVP 03505-0602 DE	English/German	technical data sheet	Lumogen® Yellow S 0790	March 2006
 EVP 006905-0511 E	English	Technical Information	Lumogen® Yellow S 0790	November 2005
 EVP 17205-0602 DE	English/German	technical data sheet	Magnetic pigment 025 BASF	March 2006
 EVP 17305-0602 DE	English/German	technical data sheet	Magnetic pigment 340 BASF	March 2006
 EVP 17405-0602 DE	English/German	technical data sheet	Magnetic pigment 345 BASF	March 2006
 EVP 17505-0602 DE	English/German	technical data sheet	Magnetic pigment 346 BASF	March 2006
 EVP 003304.0 E	English	Technical Information	Magnetic pigments	July 2004
 EVP 2706 E	English	brochure	Make up your print products – Resins and colorants for UV inks and varnishes	June 2006
 EVP 13505-0602 DE	English/German	technical data sheet	Neozapon® Black X51	March 2006

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 EVP 13605-0602 DE	English/German	technical data sheet	Neozapon® Black X55	March 2006
 EVP 13305-0602 DE	English/German	technical data sheet	Neozapon® Blue 807	March 2006
 EVP 05605-0608 DE	English/German	technical data sheet	Neozapon® Brown 322	March 2006
 EVP 001905-0608 E	English	Technical Information	Neozapon® dyes	April 2006
 EVP 13405-0602 DE	English/German	technical data sheet	Neozapon® Green 975	March 2006
 EVP 05305-0602 DE	English/German	technical data sheet	Neozapon® Orange 245	March 2006
 EVP 05405-0602 DE	English/German	technical data sheet	Neozapon® Orange 251	March 2006
 EVP 05505-0602 DE	English/German	technical data sheet	Neozapon® Orange 272	March 2006
 EVP 13205-0602 DE	English/German	technical data sheet	Neozapon® Pink 478	March 2006
EVP 2306 E	English	brochure	Neozapon® powder dyes for solvent-borne systems – The first solution	September 2006
EVP 2306S E	English	shade card	Neozapon® powder dyes for solvent-borne systems – The first solution	October 2006
 EVP 05705-0608 DE	English/German	technical data sheet	Neozapon® Red 335	March 2006
 EVP 05805-0608 DE	English/German	technical data sheet	Neozapon® Red 355	March 2006
 EVP 05905-0602 DE	English/German	technical data sheet	Neozapon® Red 365	March 2006
 EVP 13005-0602 DE	English/German	technical data sheet	Neozapon® Red 395	March 2006
 EVP 13105-0602 DE	English/German	technical data sheet	Neozapon® Red 471	March 2006
 EVP 05005-0602 DE	English/German	technical data sheet	Neozapon® Yellow 081	March 2006
 EVP 05105-0602 DE	English/German	technical data sheet	Neozapon® Yellow 141	March 2006
 EVP 05205-0608 DE	English/German	technical data sheet	Neozapon® Yellow 157	March 2006
 EVP 18605-0602 DE	English/German	technical data sheet	Neptun® Red Base 543	March 2006
 EVP 18705-0602 DE	English/German	technical data sheet	Neptun® Red Base 546	March 2006
 EVP 16905-0602 DE	English/German	technical data sheet	Paliotol® Yellow D 0960	March 2006
 EVP 17005-0602 DE	English/German	technical data sheet	Paliotol® Yellow D 1155	March 2006
 EVP 17105-0602 DE	English/German	technical data sheet	Paliotol® Yellow D 1819	March 2006

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	EVP 000204-0705 E	English	Technical Information	Pigments for flexographic, gravure and offset packaging inks and for special printing applications	May 2007
	EVP 000104-0705 E	English	Technical Information	Pigments for tinplate-printing inks	May 2007
	EVP 17705-0602 DE	English/German	technical data sheet	Trilon® BDF	March 2006
	EVP 011903.1 E	English	Technical Information	Trilon® BDF	December 2004
	EVP 1405 E	English	brochure	True colors – Colorants for packaging and special printing applications	April 2005

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Specialty industries

item number	language(s)	type	title	issue date
 EVP 20205-0602 DE	English/German	technical data sheet	Basacid® Black X34 liquid	March 2006
 EVP 20305-0602 DE	English/German	technical data sheet	Basacid® Black X38 liquid	March 2006
 EVP 20405-0602 DE	English/German	technical data sheet	Basacid® Black X40 liquid	March 2006
 EVP 20005-0602 DE	English/German	technical data sheet	Basacid® Blue 762 liquid	March 2006
 EVP 002205-0609 E	English	Technical Information	Basacid® dyes	September 2006
 EVP 20105-0704 DE	English/German	technical data sheet	Basacid® Green 970	April 2007
 EVP 19605-0705 DE	English/German	technical data sheet	Basacid® Orange 282 liquid	May 2007
 EVP 19705-0704 DE	English/German	technical data sheet	Basacid® Red 316	April 2007
 EVP 19805-0704 DE	English/German	technical data sheet	Basacid® Red 400 E	April 2007
 EVP 19905-0602 DE	English/German	technical data sheet	Basacid® Red 495 liquid	March 2006
 EVP 19205-0602 DE	English/German	technical data sheet	Basacid® Yellow 093 liquid	March 2006
 EVP 19405-0602 DE	English/German	technical data sheet	Basacid® Yellow 099 flüssig	March 2006
 EVP 19505-0704 DE	English/German	technical data sheet	Basacid® Yellow 133 E	April 2007
 EVP 21705-0602 DE	English/German	technical data sheet	Basonyl® Black X11	March 2006
 EVP 21405-0602 DE	English/German	technical data sheet	Basonyl® Blue 636	March 2006
 EVP 21505-0602 DE	English/German	technical data sheet	Basonyl® Blue 644 liquid	March 2006
 EVP 005105-0512 E	English	Technical Information	Basonyl® dyes	December 2005
 EVP 21605-0602 DE	English/German	technical data sheet	Basonyl® Green 830 liquid	March 2006
 EVP 20605-0602 DE	English/German	technical data sheet	Basonyl® Red 482	March 2006
 EVP 20705-0602 DE	English/German	technical data sheet	Basonyl® Red 483	March 2006
 EVP 20805-0602 DE	English/German	technical data sheet	Basonyl® Red 485	March 2006
 EVP 20905-0602 DE	English/German	technical data sheet	Basonyl® Red 540	March 2006
 EVP 21005-0602 DE	English/German	technical data sheet	Basonyl® Red 545 liquid	March 2006
 EVP 21105-0602 DE	English/German	technical data sheet	Basonyl® Red 555 liquid	March 2006
 EVP 21205-0602 DE	English/German	technical data sheet	Basonyl® Red 560	March 2006
 EVP 21305-0602 DE	English/German	technical data sheet	Basonyl® Violet 602 liquid	March 2006

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Specialty industries

item number	language(s)	type	title	issue date
 EVP 20505-0602 DE	English/German	technical data sheet	Basonyl® Yellow 105	March 2006
 EVP 18005-0602 DE	English/German	technical data sheet	Cheque dye AS liquid	March 2006
 EVP 01305-0602 DE	English/German	technical data sheet	Dispers Black 0066	March 2006
 EVP 01405-0602 DE	English/German	technical data sheet	Dispers Black 0076	March 2006
 EVP 01505-0602 DE	English/German	technical data sheet	Dispers Black 0077	March 2006
 EVP 01605-0602 DE	English/German	technical data sheet	Dispers Black 0079	March 2006
 EVP 02305-0602 DE	English/German	technical data sheet	Dispers Blue 6900	March 2006
 EVP 02405-0602 DE	English/German	technical data sheet	Dispers Blue 6910	March 2006
 EVP 02005-0602 DE	English/German	technical data sheet	Dispers Brown 3581	March 2006
 EVP 02605-0602 DE	English/German	technical data sheet	Dispers Green 8711	March 2006
 EVP 02805-0602 DE	English/German	technical data sheet	Dispers Green 8730	March 2006
 EVP 02905-0602 DE	English/German	technical data sheet	Dispers Green 8733	March 2006
 EVP 01805-0602 DE	English/German	technical data sheet	Dispers Orange 3052	March 2006
 EVP 01905-0602 DE	English/German	technical data sheet	Dispers Orange 3055	March 2006
 EVP 02105-0602 DE	English/German	technical data sheet	Dispers Red 3855	March 2006
 EVP 02205-0602 DE	English/German	technical data sheet	Dispers Red 4301	March 2006
 EVP 01205-0602 DE	English/German	technical data sheet	Dispers White 0022	March 2006
 EVP 01705-0602 DE	English/German	technical data sheet	Dispers Yellow 1780	March 2006
 EVP 03505-0602 DE	English/German	technical data sheet	Lumogen® Yellow S 0790	March 2006
 EVP 006905-0511 E	English	Technical Information	Lumogen® Yellow S 0790	November 2005
 EVP 17605-0602 DE	English/German	technical data sheet	Magnetic black S 0045	March 2006
 EVP 13505-0602 DE	English/German	technical data sheet	Neozapon® Black X51	March 2006
 EVP 13605-0602 DE	English/German	technical data sheet	Neozapon® Black X55	March 2006
 EVP 13305-0602 DE	English/German	technical data sheet	Neozapon® Blue 807	March 2006
 EVP 05605-0608 DE	English/German	technical data sheet	Neozapon® Brown 322	March 2006
 EVP 001905-0608 E	English	Technical Information	Neozapon® dyes	April 2006

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item number	language(s)	type	title	issue date
 EVP 13405-0602 DE	English/German	technical data sheet	Neozapon® Green 975	March 2006
 EVP 05305-0602 DE	English/German	technical data sheet	Neozapon® Orange 245	March 2006
 EVP 05405-0602 DE	English/German	technical data sheet	Neozapon® Orange 251	March 2006
 EVP 05505-0602 DE	English/German	technical data sheet	Neozapon® Orange 272	March 2006
 EVP 13205-0602 DE	English/German	technical data sheet	Neozapon® Pink 478	March 2006
EVP 2306 E	English	brochure	Neozapon® powder dyes for solvent-borne systems – The first solution	September 2006
EVP 2306S E	English	shade card	Neozapon® powder dyes for solvent-borne systems – The first solution	October 2006
 EVP 05705-0608 DE	English/German	technical data sheet	Neozapon® Red 335	March 2006
 EVP 05805-0608 DE	English/German	technical data sheet	Neozapon® Red 355	March 2006
 EVP 05905-0602 DE	English/German	technical data sheet	Neozapon® Red 365	March 2006
 EVP 13005-0602 DE	English/German	technical data sheet	Neozapon® Red 395	March 2006
 EVP 13105-0602 DE	English/German	technical data sheet	Neozapon® Red 471	March 2006
 EVP 05005-0602 DE	English/German	technical data sheet	Neozapon® Yellow 081	March 2006
 EVP 05105-0602 DE	English/German	technical data sheet	Neozapon® Yellow 141	March 2006
 EVP 05205-0608 DE	English/German	technical data sheet	Neozapon® Yellow 157	March 2006
 EVP 004903.1 E	English	Technical Information	Neptun® bases, Neptun® dyes	November 2004
 EVP 19005-0602 DE	English/German	technical data sheet	Neptun® Black X17 liquid	March 2006
 EVP 19105-0602 DE	English/German	technical data sheet	Neptun® Black X60	March 2006
 EVP 18905-0602 DE	English/German	technical data sheet	Neptun® Blue 698	March 2006
 EVP 18605-0602 DE	English/German	technical data sheet	Neptun® Red Base 543	March 2006
 EVP 18705-0602 DE	English/German	technical data sheet	Neptun® Red Base 546	March 2006
 EVP 18805-0602 DE	English/German	technical data sheet	Neptun® Yellow 075	March 2006
 EVP 16805-0602 DE	English/German	technical data sheet	Paliogen® Black S 0084	March 2006
 EVP 18105-0602 DE	English/German	technical data sheet	Pigmosol® Black 0058	March 2006
 EVP 18405-0602 DE	English/German	technical data sheet	Pigmosol® Blue 6900	March 2006

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	item number	language(s)	type	title	issue date
	EVP 18505-0602 DE	English/German	technical data sheet	Pigmosol® Green 8730	March 2006
	EVP 006505-0512 E	English	Technical Information	Pigmosol® preparations	December 2005
	EVP 18305-0602 DE	English/German	technical data sheet	Pigmosol® Red 3855	March 2006
	EVP 18205-0602 DE	English/German	technical data sheet	Pigmosol® Yellow 1250	March 2006

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item number	language(s)	type	title	issue date
EVP 1207 E	English	brochure	Coil coating – Pigments, crosslinkers and additives	March 2007



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Specialty industries

	item number	language(s)	type	title	issue date
	EVP 000303-0609 E	English	Technical Information	Luron® Binder grades	September 2006
	EVP 2706 E	English	brochure	Make up your print products – Resins and colorants for UV inks and varnishes	June 2006
	EVP 1405 E	English	brochure	True colors – Colorants for packaging and special printing applications	April 2005

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For detailed information, please refer to our Technical Information bulletin “Directives and regulations on the use of colorants in food-contact applications and toys” (EVP 003504 E), available from our sales force or our Internet site, or contact our product stewardship unit:

product class	contact	telephone	e-mail
team leader, general affairs	Dr. (Mr.) Raulfs	+49 621 60-52650	friedrich-wilhelm.raulfs@basf.com
pigments, organic	Dr. (Ms.) Beck	+49 621 60-40536	karin.beck@basf.com
	Mr. Breth	+49 621 60-45891	manfred.breth@basf.com
pigments, inorganic	Dr. (Ms.) Gebhardt	+49 621 60-72737	birgitta.gebhardt@basf.com
pigments, effect	Mr. Schwanse	+49 621 60-71503	walter.schwanse@basf.com
pigment preparations	Mr. Schwanse	+49 621 60-71503	walter.schwanse@basf.com
dyestuffs	Dr. (Ms.) Beck	+49 621 60-40536	karin.beck@basf.com
	Mr. Breth	+49 621 60-45891	manfred.breth@basf.com
light stabilizers	Dr. (Mr.) Dreyer	+49 621 60-47937	ulrich.dreyer@basf.com

postal address

BASF Aktiengesellschaft
E-EVP/QS – J550
67056 LudwigshafenGermany

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product	Type 8081	Type 8082	France	U.S.A.
Basacid® Black X34 liquid	yes	yes	no	no
Basacid® Black X38 liquid	yes	yes	no	no
Basacid® Black X40 liquid	no	yes	no	no
Basacid® Yellow 099 liquid	yes	yes	no	no
Basacid® Yellow 133 E	yes	yes	no	no
Basacid® Orange 282 liquid	yes	yes	no	no
Basacid® Red 316	yes	yes	no	no
Basacid® Red 400 E	yes	yes	no	no
Basacid® Red 495 liquid	yes	yes	no	no
Basacid® Blue 762 liquid	yes	yes	no	no
Basacid® Green 970	yes	yes	no	no
Basantol® Black X82 liquid	no	yes	no	no
Basantol® Yellow 099 liquid	yes	yes	no	no
Basantol® Yellow 215 liquid	no	yes	no	no
Basantol® Blue 762 liquid	yes	yes	no	no
Eupolen® PE Black 00-6001	yes	yes	yes	no
Eupolen® PE Black 00-6005	yes	yes	yes	no
Eupolen® PE Yellow 09-6101	yes	yes	yes	maximum application rate in polymers: 1 % (in terms of the amount of pigment)
Eupolen® PE Yellow 09-6104	yes	yes	yes	maximum application rate in polymers: 1 % (in terms of the amount of pigment)
Eupolen® PE Yellow 11-5501	yes	yes	no	no
Eupolen® PE Yellow 11-5504	yes	yes	no	no
Eupolen® PE Yellow 17-0001	yes	yes	no	no
Eupolen® PE Yellow 18-4101	yes	yes	yes	no
Eupolen® PE Yellow 18-4105	yes	yes	yes	no
Eupolen® PE Yellow 22-7001	yes	yes	yes	maximum application rate: 1 % (in terms of the amount of pigment), limited to PE-HD, PP and their copolymers

product	Type 8081	Type 8082	France	U.S.A.
Eupolen® PE Yellow 22-7004	yes	yes	yes	maximum application rate: 1 % (in terms of the amount of pigment), limited to PE-HD, PP and their copolymers
Eupolen® PE Brown 29-1505	yes	yes	yes	yes
Eupolen® PE Red 34-3001	yes	yes	yes	yes
Eupolen® PE Red 39-1101	yes	yes	yes	FCN 000118, maximum application rate in all polymers: 1 % (in terms of the amount of pigment), observe limitations/specifications
Eupolen® PE Red 39-1104	yes	yes	yes	FCN 000118, maximum application rate in all polymers: 1 % (in terms of the amount of pigment), observe limitations/specifications
Eupolen® PE Red 41-6001	yes	yes	yes	no
Eupolen® PE Red 41-6505	yes	yes	yes	no
Eupolen® PE Scarlet 43-0005	yes	yes	no	no
Eupolen® PE Scarlet 44-6105	yes	yes	yes	no
Eupolen® PE Red 47-9001	yes	yes	no	no
Eupolen® PE Violet 58-9001	yes	yes	yes	no
Eupolen® PE Violet 58-9005	yes	yes	yes	no
Eupolen® PE Blue 64-7005	yes	yes	yes	no
Eupolen® PE Blue 69-1501	yes	yes	no	yes
Eupolen® PE Blue 69-2001	yes	yes	yes	yes
Eupolen® PE Blue 69-2004	yes	yes	yes	yes
Eupolen® PE Blue 69-2005	yes	yes	yes	yes
Eupolen® PE Blue 70-9001	yes	yes	yes	yes
Eupolen® PE Blue 70-9004	yes	yes	yes	yes
Eupolen® PE Blue 70-9005	yes	yes	yes	yes
Eupolen® PE Blue 70-9101	yes	yes	yes	yes
Eupolen® PE Blue 71-0401	yes	yes	yes	yes
Eupolen® PE Blue 71-0404	yes	yes	yes	yes

product	Type 8081	Type 8082	France	U.S.A.
Eupolen® PE Green 87-3001	yes	yes	yes	yes
Eupolen® PE Green 87-3004	yes	yes	yes	yes
Eupolen® PE Green 87-3005	yes	yes	yes	yes
Eupolen® PE Green 93-6001	yes	yes	no	FCN 000411, maximum application rate in all polymers: 1 % (in terms of the amount of pigment), observe limitations/specifications
Fanal® Pink D 4810	yes	yes	no	no
Fanal® Pink D 4830	yes	yes	no	no
Fanal® Violet D 5460	yes	yes	no	no
Fanal® Violet D 5480	yes	yes	no	no
Fanal® Violet D 6060	yes	yes	no	no
Fanal® Violet D 6070	yes	yes	no	no
Fanal® Violet D 6140	maximum application rate: 30 %	maximum application rate: 30 %	no	no
Fanal® Blue D 6340	yes	yes	no	no
Fanal® Blue D 6380	yes	yes	no	no
Fanal® Blue D 6390	yes	yes	no	no
Fanal® Blue D 6391	yes	yes	no	no
Fanal® Blue D 6393	yes	yes	no	no
Fanal® Green D 8330	yes	yes	no	no
Heliogen® Blue D 6700 T	yes	yes	yes	yes
Heliogen® Blue L 6700 F	yes	yes	yes	yes
Heliogen® Blue K 6850	yes	yes	yes	yes
Heliogen® Blue L 6870	yes	yes	yes	yes
Heliogen® Blue L 6875 F	yes	yes	yes	yes
Heliogen® Blue L 6900	yes	yes	yes	yes
Heliogen® Blue L 6901 F	yes	yes	yes	yes
Heliogen® Blue K 6902	yes	yes	yes	yes
Heliogen® Blue L 6905 F	yes	yes	yes	yes
Heliogen® Blue K 6907	yes	yes	yes	yes

product	Type 8081	Type 8082	France	U.S.A.
Heliogen® Blue K 6911 D	yes	yes	yes	yes
Heliogen® Blue K 6911 FP	yes	yes	yes	yes
Heliogen® Blue L 6920	yes	yes	yes	yes
Heliogen® Blue L 6930	yes	yes	yes	yes
Heliogen® Blue L 6975 F	yes	yes	yes	yes
Heliogen® Blue L 6989 F	yes	yes	yes	yes
Heliogen® Blue L 7072 D	yes	yes	yes	yes
Heliogen® Blue D 7079	yes	yes	yes	yes
Heliogen® Blue L 7080	yes	yes	yes	yes
Heliogen® Blue L 7081 D	yes	yes	yes	yes
Heliogen® Blue L 7085	yes	yes	yes	yes
Heliogen® Blue D 7086	yes	yes	yes	yes
Heliogen® Blue K 7090	yes	yes	yes	yes
Heliogen® Blue K 7090 FP	yes	yes	yes	yes
Heliogen® Blue D 7092	yes	yes	yes	yes
Heliogen® Blue L 7101 F	yes	yes	yes	yes
Heliogen® Blue K 7104 LW	yes	yes	yes	yes
Heliogen® Blue D 7107	yes	yes	yes	yes
Heliogen® Blue L 7460	yes	yes	yes	no
Heliogen® Blue D 7490	yes	yes	yes	no
Heliogen® Green D 8605 DD	yes	yes	yes	yes
Heliogen® Green L 8605	yes	yes	yes	yes
Heliogen® Green L 8690	yes	yes	yes	yes
Heliogen® Green D 8725	yes	yes	yes	yes
Heliogen® Green D 8730	yes	yes	yes	yes
Heliogen® Green K 8730	yes	yes	yes	yes
Heliogen® Green K 8730 FP	yes	yes	yes	yes
Heliogen® Green L 8730	yes	yes	yes	yes
Heliogen® Green L 8731	yes	yes	yes	yes
Heliogen® Green L 8735	yes	yes	yes	yes
Heliogen® Green K 8740 LW	yes	yes	yes	yes

product	Type 8081	Type 8082	France	U.S.A.
Heliogen® Green D 9360	yes	yes	no	FCN 000411, maximum application rate in all polymers: 1 %, observe limitations/specifications
Heliogen® Green K 9360	yes	yes	no	FCN 000411, maximum application rate in all polymers: 1 %, observe limitations/specifications
Heliogen® Green L 9361	yes	yes	no	no
Lithol® Scarlet K 4165	yes	yes	yes	no
Lithol® Fast Scarlet L 4300	yes	yes	no	no
Lithol® Scarlet D 4461	yes	yes	yes	no
Lithol® Fast Maroon L 4763	yes	yes	no	no
Lumogen® Yellow S 0790	yes	yes	no	no
Lumogen® F Orange 240	not suitable for poly-ethylene (migration)	yes	no	no
Lumogen® F Red 305	not suitable for poly-ethylene (migration)	yes	no	no
Lumogen® F Violet 570	not suitable for poly-ethylene (migration)	yes	no	no
Lumogen® F Blue 650	not suitable for poly-ethylene (migration)	yes	no	no
Lumogen® F Green 850	not suitable for poly-ethylene (migration)	yes	no	no
Magnetic Black S 0045	yes	yes	yes	yes
Magnetic pigment 025 BASF	yes	yes	no	no
Magnetic pigment 340 BASF	yes	yes	yes	yes
Magnetic pigment 345 BASF	yes	yes	yes	yes
Magnetic pigment 346 BASF	yes	yes	yes	yes

product	Type 8081	Type 8082	France	U.S.A.
Neozapon® Black X51	no Type 8081 con- formity (acid-soluble chromium content > 100 ppm) but meets requirements of BfR Recommendation IX	chromium content not below 60 ppm, EN 71-3 only permits maximum applica- tion rate of 6 % (calculated for 1,000 ppm chromium)	no	no
Neozapon® Black X55	yes	yes	no	no
Neozapon® Yellow 157	yes	yes	no	no
Neozapon® Orange 251	no Type 8081 con- formity (acid-soluble chromium content > 100 ppm) but meets requirements of BfR Recommendation IX	chromium content not below 60 ppm, EN 71-3 only permits maximum applica- tion rate of 6 % (calculated for 1,000 ppm chromium)	no	no
Neozapon® Orange 272	yes	yes	no	no
Neozapon® Red 335	yes	yes	no	no
Neozapon® Red 355	yes	yes	no	no
Neozapon® Red 365	yes	yes	no	no
Neozapon® Red 395	yes	yes	no	no
Neozapon® Red 471	yes	yes	no	no
Neozapon® Pink 478	yes	yes	no	no
Neozapon® Blue 807	yes	yes	no	no
Neptun® Black X60	no	yes	no	no
Neptun® Yellow 075	yes	yes	no	no
Neptun® Blue 698	no	yes	no	no
Paliocrom® Gold L 2000	yes	yes	yes	no
Paliocrom® Gold L 2020	yes	yes	yes	no
Paliocrom® Orange L 2800	yes	yes	yes	no
Paliocrom® Sparkling Red L 3505	yes	yes	yes	no
Paliogen® Black L 0086	yes	yes	no	no

product	Type 8081	Type 8082	France	U.S.A.
Paliogen® Red K 3580	yes	yes	yes	FCN 000115, maximum application rate in all polymers: 1 %, observe limitations/specifications
Paliogen® Red L 3875	yes	yes	no	maximum application rate in polymers: 1 %
Paliogen® Red L 3880 HD	yes	yes	yes	FCN 000118, maximum application rate in all polymers: 1 %, observe limitations/specifications
Paliogen® Red L 3885	yes	yes	no	maximum application rate in polymers: 1 %
Paliogen® Red L 3910 HD	yes	yes	yes	FCN 000118, maximum application rate in all polymers: 1 %, observe limitations/specifications
Paliogen® Red K 3911 HD	yes	yes	yes	FCN 000118, maximum application rate in all polymers: 1 %, observe limitations/specifications
Paliogen® Maroon L 3920	yes	yes	no	maximum application rate in polymers: 1 %
Paliogen® Maroon L 3980	yes	yes	no	maximum application rate in polymers: 1 %
Paliogen® Red L 4120	yes	yes	no	maximum application rate in polymers: 1 %
Paliogen® Red K 4180	yes	yes	no	maximum application rate in polymers: 1 %
Paliogen® Red Violet K 5011	yes	yes	no	maximum application rate in polymers: 1 %
Paliogen® Blue L 6385	yes	yes	yes	no
Paliogen® Blue L 6470	yes	yes	yes	no
Paliogen® Blue L 6480	yes	yes	yes	no
Paliogen® Blue L 6482	yes	yes	yes	no
Paliogen® Blue L 6495 F	yes	yes	yes	no
Paliotan® Yellow L 1135		yes	no	no
Paliotan® Yellow L 1145	yes	yes	no	no

product	Type 8081	Type 8082	France	U.S.A.
Palio® Yellow L 1240	yes	yes	no	no
Palio® Yellow L 1645	yes	yes	no	no
Palio® Yellow L 1945	yes	yes	no	no
Palio® Yellow L 2045	yes	yes	no	no
Palio® Yellow L 2145 H	yes	yes	yes	no
Palio® Orange L 2935	yes	yes	no	no
Palio® Red L 3735	yes	yes	yes	no
Palio® Red L 3745	yes	yes	yes	no
Palio® Yellow K 0940	yes	yes	no	no
Palio® Yellow D 0960	yes	yes	yes	maximum application rate in polymers: 1 %
Palio® Yellow L 0960 HD	yes	yes	yes	maximum application rate in polymers: 1 %
Palio® Yellow K 0961 HD	yes	yes	yes	maximum application rate in polymers: 1 %
Palio® Yellow L 0962 HD	yes	yes	yes	maximum application rate in polymers: 1 %
Palio® Yellow K 1090	yes	yes	yes	maximum application rate in polymers: 1 %
Palio® Yellow D 1155	yes	yes	approval limited to printing inks; maximum application rate: 20 %	no
Palio® Yellow L 1155	yes	yes	no	no
Palio® Yellow K 1700	yes	yes	no	no
Palio® Yellow L 1772	yes	yes	no	no
Palio® Yellow D 1819	yes	yes	yes	no
Palio® Yellow L 1820	yes	yes	yes	no
Palio® Yellow K 1841	yes	yes	yes	no
Palio® Yellow K 1841 FP	yes	yes	yes	no
Palio® Yellow L 1970	yes	yes	yes	no
Palio® Yellow L 2140 HD	yes	yes	yes	no

product	Type 8081	Type 8082	France	U.S.A.
Palitol® Yellow K 2142 H	yes	yes	yes	no
Palitol® Yellow K 2270	yes	yes	yes	maximum application rate: 1 %, limited to PE-HD and PP and their copolymers
Palitol® Orange K 2920	yes			yes
Palitol® Orange L 2930 HD	yes	yes	no	no
Pigmosol® Black 0058	yes	yes	yes	no
Pigmosol® Yellow 1250	yes	yes	yes	no
Pigmosol® Red 3855	yes	yes	yes	no
Pigmosol® Blue 6900	yes	yes	yes	yes
Pigmosol® Green 8730	yes	yes	yes	yes
Rightfit® Yellow K 1994	yes		yes	
Rightfit® Red K 3790	yes			
Rightfit® Red K 4350	yes			yes
Sico® Yellow FR 1252	yes	yes	no	no
Sico® Red L 3750	yes	yes	yes	no
Sico® Fast Red L 3855	no	yes	no	no
Sicopal® Black K 0095	yes		no	no
Sicopal® Yellow L 1100	yes	yes	no	no
Sicopal® Yellow L 1110	yes	yes	no	no
Sicopal® Yellow K 1120 FG	yes	yes	no	no
Sicopal® Yellow L 1120	yes	yes	no	no
Sicopal® Yellow K 1160 FG	yes	yes	no	no
Sicopal® Yellow L 1600	yes	yes	no	no
Sicopal® Brown K 2595	yes	yes	yes	no
Sicopal® Brown K 2795 FG	yes		no	no
Sicopal® Blue K 6210	yes	yes	yes	maximum application rate in poly- mers: 5 %; no limit for 21 CFR 175.300 in various resins and EVA polymers

product	Type 8081	Type 8082	France	U.S.A.
Sicopal® Blue K 6310	yes	yes	yes	maximum application rate in polymers: 5 %; no limit for 21 CFR 175.300 in various resins and EVA polymers
Sicopal® Blue K 6710	yes	yes	yes	no
Sicopal® Blue K 7210	yes	yes	yes	no
Sicopal® Green K 9110	yes	yes	yes	21 CFR 170.39, maximum application rate in polymers: 2 %
Sicopal® Green K 9610	yes	yes	yes	21 CFR 170.39, maximum application rate in polymers: 2 %
Sicopal® Green K 9710	yes	yes	yes	21 CFR 170.39, maximum application rate in polymers: 2 %
Sicotan® Yellow K 1010	yes	yes	yes	21 CFR 170.39, maximum application rate in polymers: 2 %
Sicotan® Yellow K 1010 FG	yes	yes	yes	21 CFR 170.39, maximum application rate in polymers: 2 %
Sicotan® Yellow L 1010	yes	yes	yes	21 CFR 170.39, maximum application rate in polymers: 2 %
Sicotan® Yellow K 1011	yes	yes	yes	21 CFR 170.39, maximum application rate in polymers: 2 %
Sicotan® Yellow K 1011 FG	yes	yes	yes	21 CFR 170.39, maximum application rate in polymers: 2 %
Sicotan® Yellow L 1011	yes	yes	yes	21 CFR 170.39, maximum application rate in polymers: 2 %
Sicotan® Yellow L 1012	yes	yes	yes	21 CFR 170.39, maximum application rate in polymers: 2 %
Sicotan® Yellow L 1910	yes	yes	yes	21 CFR 170.39, maximum application rate in polymers: 2 %
Sicotan® Yellow L 1912	yes	yes	yes	21 CFR 170.39, maximum application rate in polymers: 2 %
Sicotan® Yellow K 2001	yes	yes	yes	21 CFR 170.39, maximum application rate in polymers: 2 %
Sicotan® Yellow K 2001 FG	yes	yes	yes	21 CFR 170.39, maximum application rate in polymers: 2 %

product	Type 8081	Type 8082	France	U.S.A.
Sicotan® Yellow L 2010	yes	yes	yes	21 CFR 170.39, maximum application rate in polymers: 2 %
Sicotan® Yellow K 2011	yes	yes	yes	21 CFR 170.39, maximum application rate in polymers: 2 %
Sicotan® Yellow K 2011 FG	yes	yes	yes	21 CFR 170.39, maximum application rate in polymers: 2 %
Sicotan® Yellow L 2011	yes	yes	yes	21 CFR 170.39, maximum application rate in polymers: 2 %
Sicotan® Yellow L 2107	yes	yes	yes	21 CFR 170.39, maximum application rate in polymers: 2 %
Sicotan® Yellow L 2110	yes	yes	yes	21 CFR 170.39, maximum application rate in polymers: 2 %
Sicotan® Yellow K 2111	yes	yes	yes	21 CFR 170.39, maximum application rate in polymers: 2 %
Sicotan® Yellow K 2111 FG	yes	yes	yes	21 CFR 170.39, maximum application rate in polymers: 2 %
Sicotan® Yellow K 2112	yes	yes	yes	21 CFR 170.39, maximum application rate in polymers: 2 %
Sicotan® Yellow K 2112 FG	yes	yes	yes	21 CFR 170.39, maximum application rate in polymers: 2 %
Sicotan® Brown K 2611	yes	yes	no	no
Sicotan® Brown K 2711	yes	yes	no	no
Sicotan® Brown K 2750 FG	yes	yes	no	no
Sicotrans® Yellow L 1915	yes	yes	yes	yes
Sicotrans® Yellow L 1916	yes	yes	yes	yes
Sicotrans® Orange L 2416	yes	yes	yes	yes
Sicotrans® Red L 2715 D	yes	yes	yes	yes
Sicotrans® Red L 2816	yes	yes	yes	yes
Sicotrans® Red L 2817	yes	yes	yes	yes
Sicotrans® Red L 2818	yes	yes	yes	yes
Sicotrans® Red K 2819	yes	yes	yes	yes
Sicotrans® Red K 2915	yes	yes	yes	yes

product	Type 8081	Type 8082	France	U.S.A.
Sicotrans® Red L 2915 D	yes	yes	yes	yes
Thermoplast® Black X70	yes	yes	yes	no
Thermoplast® F Yellow 084	yes	yes	no	no
Thermoplast® Yellow 104	yes	yes	yes	no
Thermoplast® Red 454	yes	yes	no	no
Thermoplast® Blue 670	yes	yes	no	no
Thermoplast® Blue 684	yes	yes	yes	no

product	EU	U.S.A.
Uvinul® 3008	yes	21 CFR 178.2010
Uvinul® 3026	yes	21 CFR 178.2010
Uvinul® 3027	yes	no
Uvinul® 3028	no	21 CFR 175.105
Uvinul® 3029		21 CFR 178.2010
Uvinul® 3030	2002/72/EEC: SML value 0.05 mg/kg, BfR Recommendation III Polyethylene: 0.5 %	FCN 000277, observe limitations/specifications
Uvinul® 3033 P	yes	21 CFR 178.2010
Uvinul® 3034	yes	21 CFR 178.2010
Uvinul® 3035	2002/72/EEC: SML value 0.05 mg/kg for all polymers, BfR Recommendation II PVC: SML value 0.05 mg/kg	FCN 000212, observe limitations/specifications
Uvinul® 3039	2002/72/EEC: SML value 0.05 mg/kg, BfR Recommendation II PVC: 0.,3 %, BfR Recommendation XVII PET 0.5 %	FCN 000217, observe limitations/specifications
Uvinul® 4050 H		FCN 000647, observe limitations/specifications
Uvinul® 4077 H		21 CFR 178.2010
Uvinul® 5050 H	BfR Recommendation III Polyethylene: max. 0.5 %, BfR Recommendation VII Polypropylene: max. 0.5 %	FCN 000480, observe limitations/specifications
Uvinul® 5062 H	yes	21 CFR 178.2010

part 1	part 2
–	45460
Cheque Dyestuff AS liquid	
Acid Black 63	12195
Basantol® U Black X84 liquid	
Acid Black 194	–
Basacid® Black X40 liquid	
Basantol® Black X82 liquid	
Acid Brown 355	–
Basantol® Brown 269 liquid	
Acid Green 1	10020
Basacid® Green 970	
Acid Orange 7	15510 (similar)
Basacid® Orange 282 liquid	
Acid Orange 89	–
Basantol® U Orange 255 liquid	
Acid Orange 142	–
Basantol® Orange 273 liquid	
Acid Red 18	16255
Basacid® Red 400 E	
Acid Red 87	45380
Basacid® Red 316	
Acid Red 226	–
Basantol® U Red 345 liquid	
Acid Red 357	–
Basantol® Red 311 liquid	
Acid Violet 74	–
Basantol® U Blue 745 liquid	
Acid Violet 90	18762
Basantol® Bordeaux 415 liquid	
Acid Yellow 3	47005
Basacid® Yellow 093 liquid	

part 1	part 2	
Acid Yellow 5	47035	(similar)
Basacid® Yellow 099 liquid		
Basantol® Yellow 099 liquid		
Acid Yellow 23	19140	
Basacid® Yellow 133 E		
Acid Yellow 59	18690	
Basantol® U Yellow 145 liquid		
Acid Yellow 119	11700	
Basantol® U Yellow 155 liquid		
Acid Yellow 204	–	
Basantol® Yellow 215 liquid		
Basic Blue 7	42595	
Basonyl® Blue 636		
Basic Blue 26	44045	(similar)
Basonyl® Blue 644 liquid		
Basic Green 4	42000	(similar)
Basonyl® Green 830 liquid		
Basic Red 1	45160	
Basonyl® Red 482		
Basic Red 1	45160	(similar)
Basonyl® Red 483		
Basic Red 1:1	45161	
Basonyl® Red 485		
Basic Violet 1	42535	(similar)
Basonyl® Violet 602 liquid		
Basic Violet 10	45170	
Basonyl® Red 540		
Basonyl® Red 545 liquid		
Basic Violet 11:1	45174	(similar)
Basonyl® Red 560		

part 1	part 2
Basic Yellow 37	41001
Basonyl® Yellow 105	
Direct Blue 199	74190
Basacid® Blue 762 liquid	
Basantol® Blue 762 liquid	
Pigment Black 1	50440
Paliotol® Black L 0080	
Pigment Black 7	77266
Euvinyl® Black 00-5402	
Euvinyl® C Black 00-5402	
Sicoflush® L Black 0054	
Sicoflush® P Black 0054	
Pigmosol® Black 0058	
Luconyl® Black 0060	
Luconyl® NG Black 0060	
Oppasin® Black 0060	
Xfast® Black EH 0249 (0060)	
Eupolen® PE Black 00-6001	
Eupolen® PE Black 00-6005	
Eupolen® PP Black 00-6005	
Eupolen® PA Black 00-6305	
Sicoflush® L Black 0063	
Dispers Black 0066	
Luconyl® Black 0066	
Luconyl® NG Black 0066	
Xfast® Black 0066	
Dispers Black 0076	
Pigment Black 11	77499
Magnetic Black S 0045	
Xfast® Black ED 7892 (0050)	
Magnetic pigment 340 BASF	

part 1 part 2

Pigment Black 11 77499

Magnetic pigment 345 BASF
Magnetic pigment 346 BASF

Pigment Black 25 77332

Sicocer® F Gray 1985

Pigment Black 27 77502

Sicopal® Black K 0090
Sicocer® F Black 2904
Sicocer® F Black 2955
Sicocer® F Black 10901

Pigment Black 31 71132

Xfast® Black ED 7950 (0084)
Paliogen® Black S 0084

Pigment Black 32 71133

Paliogen® Black L 0086

Pigment Blue 1 42595:2 (similar)

Fanal® Blue D 6340
Fanal® Blue D 6390
Fanal® Blue D 6391
Fanal® Blue D 6393

Pigment Blue 15 74160

Heliogen® Blue D 6840
Heliogen® Blue K 6850

Pigment Blue 15:1 74160

Eupolen® PA Blue 68-1105
Sicoflush® P Blue 6880
Dispers Blue 6900
Luconyl® Blue 6900
Luconyl® NG Blue 6900
Oppasin® Blue 6900
Pigmosol® Blue 6900

part 1 part 2

Pigment Blue 15:1 74160

Heliogen® Blue L 6900
Euvinyl® C Blue 69-0202
Heliogen® Blue K 6902
Heliogen® Blue K 6907
Heliogen® Blue K 6911 D
Heliogen® Blue K 6911 FP
Eupolen® PE Blue 69-1501
Eupolen® PE Blue 69-2001
Eupolen® PE Blue 69-2004
Eupolen® PE Blue 69-2005
Eupolen® PP Blue 69-2005
Heliogen® Blue L 6920
Heliogen® Blue L 6930
Heliogen® Blue L 6950

Pigment Blue 15:2 74160

Heliogen® Blue L 6870
Xfast® Blue 6875
Heliogen® Blue L 6875 F
Heliogen® Blue L 6901 F
Heliogen® Blue L 6905 F
Heliogen® Blue L 6975 F
Heliogen® Blue L 6989 F

Pigment Blue 15:3 74160

Dispers Blue 70-0507
Heliogen® Blue L 7072 D
Heliogen® Blue D 7079
Luconyl® Blue 7080
Luconyl® NG Blue 7080
Xfast® Blue 7080
Heliogen® Blue L 7080

part 1 part 2

Pigment Blue 15:3 74160

Heliogen® Blue L 7081 D
Euvinyl® C Blue 70-8502
Heliogen® Blue L 7085
Heliogen® Blue D 7086
Eupolen® PE Blue 70-9001
Eupolen® PE Blue 70-9004
Eupolen® PA Blue 70-9005
Eupolen® PE Blue 70-9005
Eupolen® PP Blue 70-9005
Heliogen® Blue K 7090
Heliogen® Blue K 7090 FP
Eupolen® PE Blue 70-9101
Heliogen® Blue D 7092

Pigment Blue 15:4 74160

Heliogen® Blue L 7101 F
Eupolen® PE Blue 71-0401
Eupolen® PE Blue 71-0404
Heliogen® Blue K 7104 LW
Heliogen® Blue D 7107

Pigment Blue 15:6 74160

Heliogen® Blue D 6700 T
Heliogen® Blue L 6700 F

Pigment Blue 16 74100

Heliogen® Blue L 7460
Heliogen® Blue D 7490

Pigment Blue 28 77346

Sicopal® Blue K 6210
Xfast® Blue ED 7905 (6310)
Sicopal® Blue K 6310

part 1	part 2
Pigment Blue 36	77343
Sicocer® F Blue 2555	
Sicocer® F Blue Green 10407	
Sicopal® Blue K 6710	
Sicopal® Blue K 7210	
Pigment Blue 60	69800
Paliogen® Blue L 6360	
Paliogen® Blue L 6385	
Oppasin® Blue 6470	
Eupolen® PE Blue 64-7005	
Paliogen® Blue L 6470	
Paliogen® Blue L 6480	
Paliogen® Blue L 6482	
Paliogen® Blue L 6495 F	
Pigment Blue 62	42595:4
Fanal® Blue D 6380	
Pigment Blue 71	77998
Sicocer® F Turquoise 2504	
Pigment Blue 72	77347
Sicocer® F Blue 2508	
Pigment Blue 73	77364
Sicocer® F Cobalt Blue 10517	
Pigment Brown 24	77310
Sicotan® Yellow L 1910	
Sicotan® Yellow L 1912	
Sicotan® Yellow K 2001	
Sicotan® Yellow K 2001 FG	
Sicotan® Yellow L 2010	
Sicotan® Yellow K 2011	
Sicotan® Yellow K 2011 FG	
Sicotan® Yellow L 2011	

part 1	part 2
Pigment Brown 24	77310
Eupolen® PA Yellow 21-0705	
Sicotan® Yellow L 2107	
Sicotan® Yellow L 2110	
Sicotan® Yellow K 2111	
Sicotan® Yellow K 2111 FG	
Sicotan® Yellow K 2112	
Sicotan® Yellow K 2112 FG	
Pigment Brown 29	77500
Sicopal® Black K 0095	
Sicopal® Brown K 2795 FG	
Pigment Brown 31	77496
Sicopal® Brown K 2595	
Pigment Brown 33	77503
Sicocer® F Brown 2726	
Sicocer® F Brown 2730	
Sicocer® F Red Brown 10705	
Pigment Green 1	42040:1 (similar)
Fanal® Green D 8330	
Pigment Green 7	74260
Heliogen® Green D 8605 DD	
Heliogen® Green K 8605	
Heliogen® Green L 8605	
Heliogen® Green K 8683	
Heliogen® Green L 8690	
Heliogen® Green D 8725	
Dispers Green 8730	
Luconyl® Green 8730	
Luconyl® NG Green 8730	
Oppasin® Green 8730	
Pigmosol® Green 8730	

part 1	part 2
Pigment Green 7	74260
Xfast® Green 8730	
Eupolen® PE Green 87-3001	
Euvinyl® C Green 87-3002	
Eupolen® PE Green 87-3004	
Eupolen® PA Green 87-3005	
Eupolen® PE Green 87-3005	
Eupolen® PP Green 87-3005	
Heliogen® Green D 8730	
Heliogen® Green K 8730	
Heliogen® Green K 8730 FP	
Heliogen® Green L 8730	
Sicoflush® P Green 8730	
Heliogen® Green L 8731	
Heliogen® Green L 8735	
Heliogen® Green K 8740 LW	
Pigment Green 17	77288
Xfast® Green ED 7995 (9990)	
Pigment Green 36	74265
Luconyl® Green 9360	
Luconyl® NG Green 9360	
Eupolen® PE Green 93-6001	
Heliogen® Green D 9360	
Heliogen® Green K 9360	
Heliogen® Green L 9361	
Pigment Green 50	77377
Sicopal® Greenn K 9110	
Sicopal® Green K 9610	
Sicopal® Green K 9710	
Pigment Orange 5	12075
Dispers Orange 3052	

part 1 part 2

Pigment Orange 5 12075

Luconyl® Orange 3053

Luconyl® NG Orange 3111

Pigment Orange 13 21110

Oppasin® Orange 3050

Pigment Orange 34 21115

Dispers Orange 3055

Pigment Orange 67 12915

Luconyl® NG Orange 2930

Xfast® Orange 2930

Paliotol® Orange L 2930 HD

Pigment Orange 73 –

Xfast® Orange EH 0397 (3100)

Pigment Orange 79 –

Paliotol® Orange K 2920

Pigment Red 3 12120

Sico® Red L 3750

Pigment Red 48:1 15865:1

Oppasin® Scarlet 3700

Eupolen® PE Scarlet 37-0005

Lithol® Scarlet D 3700

Pigment Red 48:2 15865:2

Eupolen® PE Scarlet 44-6105

Eupolen® PP Scarlet 44-6105

Lithol® Scarlet D 4461

Pigment Red 48:3 15865:3

Eupolen® PE Red 41-6001

Eupolen® PE Red 41-6505

Eupolen® PP Red 41-6505

Lithol® Scarlet K 4165

part 1 part 2

Pigment Red 48:4 15865:4

Euvinyl® C Scarlet 43-0002

Eupolen® PE Scarlet 43-0005

Lithol® Fast Scarlet L 4300

Pigment Red 52:2 15860:2

Lithol® Fast Maroon L 4763

Sicoflush® P Maroon 4763

Pigment Red 53:3 15585:3

Lithol® Red K 3690

Pigment Red 57:1 15850:1

Oppasin® Rubine 4630

Pigment Red 81:2 45161:1

Fanal® Pink D 4830

Pigment Red 101 77491

Sicotrans® Red L 2715 D

Sicotrans® Red L 2816

Sicotrans® Red L 2818

Sicotrans® Red K 2819

Luconyl® Brown 2915

Eupolen® PE Brown 29-1505

Eupolen® PP Brown 29-1505

Sicotrans® Red K 2915

Sicotrans® Red L 2915 D

Eupolen® PA Brown 30-9705

Eupolen® PA Brown 30-9715

Luconyl® NG Red 3370

Xfast® Red EH 0273 (3390)

Luconyl® Red 3396

Dispers Brown 3581

Pigment Red 101 77491 (transparent)

Luconyl® NG Red 2817

part 1 part 2

Pigment Red 101 77491 (transparent)

Luconyl® Red 2817

Xfast® Red 2817

Sicotrans® Red L 2817

Sicoflush® L Red 2817 C 4

Sicoflush® P Red 2817

Luconyl® NG Brown 2915

Xfast® Brown 2915

Pigment Red 104 77605

Sicomini® Red L 2922

Sicomini® Red K 3023

Sicomini® Red L 3025

Sicomini® Red L 3025 Typ U

Sicomini® Red K 3030 S

Sicomini® Red L 3030 S

Sicomini® Red L 3035 S

Sicomini® Red L 3125

Sicomini® Red L 3125 Typ U

Sicomini® Red K 3130 S

Sicomini® Red L 3130 S

Sicomini® Red L 3135 S

Sicomini® Red L 3230 S

Sicomini® Red L 3330 S

Pigment Red 112 12370

Dispers Red 3855

Luconyl® NG Red 3855

Luconyl® Red 3855

Pigmosol® Red 3855

Xfast® Red 3855

Sico® Fast Red L 3855

Sicoflush® P Red 3855

part 1	part 2
Pigment Red 112	12370
Dispers Red 3856	
Pigment Red 122	73915
Luconyl® NG Magenta 4790	
Xfast® Magenta 4790	
Eupolen® PE Red 47-9001	
Pigment Red 144	20735
Eupolen® PP Red 37-8005	
Pigment Red 149	71137
Eupolen® PA Red 35-8005	
Eupolen® PP Red 35-8005	
Paliogen® Red K 3580	
Pigment Red 169	45160:2
Fanal® Pink D 4810	
Pigment Red 178	71155
Euvynl® C Red 36-8002	
Paliogen® Red L 3880 HD	
Paliogen® Red L 3910 HD	
Eupolen® PE Red 39-1101	
Eupolen® PE Red 39-1104	
Paliogen® Red K 3911 HD	
Pigment Red 179	71130
Paliogen® Red L 3875	
Eupolen® PA Bordeaux 38-8505	
Paliogen® Red L 3885	
Paliogen® Maroon L 3920	
Paliogen® Maroon L 3980	
Paliogen® Red L 4120	
Eupolen® PA Red 41-8005	
Eupolen® PP Red 41-8005	
Paliogen® Red K 4180	

part 1	part 2
Pigment Red 202	73907
Eupolen® PA Pink 49-1005	
Pigment Red 232	77996
Sicocer® F Coral 2315	
Sicocer® F Coral 2320	
Sicocer® F Coral 2350	
Sicocer® F Coral 2353	
Sicocer® F Red 2355	
Pigment Red 233	77301
Sicocer® F Pink 10307	
Sicocer® F Pink 10309	
Sicocer® F Pink 10310	
Pigment Red 254	56110
Eupolen® PE Red 34-3001	
Luconyl® NG Red 3860	
Xfast® Red 3860	
Pigment Red 276	–
Rightfit® Red K 3790	
Pigment Red 277	–
Rightfit® Red K 4350	
Pigment Violet 1	45170:2 (similar)
Fanal® Violet D 5480	
Pigment Violet 2	45175:1
Fanal® Violet D 5460	
Pigment Violet 3	42535:2 (similar)
Fanal® Violet D 6060	
Fanal® Violet D 6070	
Pigment Violet 23	51319
Eupolen® PA Violet 57-9005	
Eupolen® PE Violet 58-9001	
Eupolen® PE Violet 58-9005	

part 1	part 2
Pigment Violet 23	51319
Sicoflush® P Violet 5890	
Luconyl® NG Violet 5894	
Luconyl® Violet 5894	
Xfast® Violet 5894	
Pigment Violet 27	42535:3 (similar)
Fanal® Violet D 6140	
Pigment Violet 29	71129
Eupolen® PA Violet 50-1105	
Eupolen® PP Violet 50-1105	
Paliogen® Red Violet K 5011	
Pigment White 6	77891
Dispers White 0022	
Luconyl® NG White 0022	
Luconyl® White 0022	
Xfast® White EH 0299 (0025)	
Pigment Yellow 1	11680
Luconyl® Yellow 1250	
Pigmosol® Yellow 1250	
Pigment Yellow 3	11710
Luconyl® NG Yellow 0911	
Pigment Yellow 13	21100
Oppasin® Yellow 1351	
Pigment Yellow 34	77603
Sicomin® Yellow L 1425	
Sicomin® Yellow L 1522	
Sicomin® Yellow L 1622	
Sicomin® Yellow L 1622 Typ U	
Sicomin® Yellow L 1625	
Sicomin® Yellow K 1630 S	
Sicomin® Yellow L 1630 S	

part 1	part 2
Pigment Yellow 34	77603
Sicomin® Yellow L 1635 S	
Sicomin® Yellow L 1835 S	
Sicomin® Yellow K 1922	
Sicomin® Yellow L 1922	
Sicomin® Yellow L 1922 Typ U	
Sicomin® Yellow K 1925	
Sicomin® Yellow L 1925	
Sicomin® Yellow L 2135 S	
Pigment Yellow 42	77492
Sicotrans® Yellow L 1915	
Xfast® Yellow 1990	
Luconyl® NG Yellow 1995	
Luconyl® Yellow 1995	
Pigment Yellow 42	77492 (transparent)
Luconyl® NG Yellow 1916	
Luconyl® Yellow 1916	
Xfast® Yellow 1916	
Sicotrans® Yellow L 1916	
Sicoflush® L Yellow 1916 C 4	
Sicoflush® P Yellow 1916	
Pigment Yellow 53	77788
Sicotan® Yellow K 1010	
Sicotan® Yellow K 1010 FG	
Sicotan® Yellow L 1010	
Sicotan® Yellow K 1011	
Sicotan® Yellow K 1011 FG	
Sicotan® Yellow L 1011	
Sicotan® Yellow L 1012	
Pigment Yellow 62	13940
Rightfit® Yellow K 1994	

part 1	part 2
Pigment Yellow 74	11741
Luconyl® Yellow 1252	
Sico® Yellow FR 1252	
Luconyl® NG Yellow 1256	
Xfast® Yellow 1256	
Pigment Yellow 83	21108
Dispers Yellow 1780	
Euvinyl® C Yellow 17-8102	
Pigment Yellow 101	48052
Lumogen® Yellow S 0790	
Pigment Yellow 138	56300
Paliotol® Yellow K 0940	
Paliotol® Yellow D 0960	
Paliotol® Yellow L 0960 HD	
Eupolen® PE Yellow 09-6101	
Euvinyl® C Yellow 09-6102	
Eupolen® PE Yellow 09-6104	
Eupolen® PP Yellow 09-6105	
Paliotol® Yellow K 0961 HD	
Luconyl® NG Yellow 0962	
Xfast® Yellow 0962	
Paliotol® Yellow L 0962 HD	
Paliotol® Yellow K 1090	
Pigment Yellow 139	56298
Paliotol® Yellow D 1819	
Paliotol® Yellow L 1820	
Eupolen® PE Yellow 18-4101	
Euvinyl® C Yellow 18-4102	
Eupolen® PE Yellow 18-4105	
Eupolen® PP Yellow 18-4105	
Paliotol® Yellow K 1841	

part 1	part 2
Pigment Yellow 139	56298
Paliotol® Yellow K 1841 FP	
Paliotol® Yellow L 1970	
Paliotol® Yellow L 2140 HD	
Paliotol® Yellow K 2142 H	
Paliotol® Yellow L 2146 HD	
Pigment Yellow 150	12764
Eupolen® PA Yellow 12-7005	
Pigment Yellow 151	13980
Paliotol® Yellow L 1060	
Pigment Yellow 153	48545
Luconyl® Yellow 1770	
Paliotol® Yellow L 1772	
Pigment Yellow 159	77997
Sicocer® F Yellow 2214	
Pigment Yellow 163	77897
Sicotan® Orange K 2383	
Pigment Yellow 164	77899
Sicotan® Brown K 2611	
Sicotan® Brown K 2711	
Sicotan® Brown K 2750 FG	
Pigment Yellow 183	18792
Eupolen® PE Yellow 22-7001	
Eupolen® PE Yellow 22-7004	
Paliotol® Yellow K 2270	
Pigment Yellow 183	18792 (similar)
Eupolen® PE Yellow 17-0001	
Paliotol® Yellow K 1700	
Pigment Yellow 184	771740
Luconyl® NG Yellow 1100	
Luconyl® Yellow 1100	

part 1	part 2
Pigment Yellow 184	771740
Sicopal® Yellow L 1100	
Xfast® Yellow EH 0292 (1102)	
Sicopal® Yellow L 1110	
Sicopal® Yellow K 1120 FG	
Sicopal® Yellow L 1120	
Sicopal® Yellow K 1160 FG	
Sicopal® Yellow L 1600	
Pigment Yellow 185	56290
Eupolen® PE Yellow 11-5501	
Eupolen® PE Yellow 11-5504	
Paliotol® Yellow D 1155	
Paliotol® Yellow L 1155	
Reactive Red 24:1	18208:1
Basacid® Red 495 liquid	
Solvent Black 3	26150
Neptun® Black X60	
Solvent Black 27	–
Neozapon® Black X51	
Solvent Black 29	–
Neozapon® Black X55	
Solvent Black 46	–
Neptun® Black X17 liquid	
Solvent Blue 35	61554
Thermoplast® Blue 670	
Solvent Blue 64	–
Neptun® Blue 698	
Solvent Blue 70	–
Neozapon® Blue 807	
Solvent Brown 42	–
Neozapon® Brown 322	

part 1	part 2
Solvent Green 5	59075
Thermoplast® F Yellow 084	
Solvent Orange 54	–
Neozapon® Orange 251	
Solvent Orange 56	–
Neozapon® Orange 245	
Solvent Orange 99	–
Neozapon® Orange 272	
Solvent Red 49	45170:1
Neptun® Red Base 543	
Neptun® Red Base 546	
Solvent Red 118	–
Neozapon® Red 471	
Solvent Red 119	–
Neozapon® Red 355	
Solvent Red 122	–
Neozapon® Red 335	
Solvent Red 122	– (similar)
Neozapon® Red 395	
Solvent Red 127	–
Neozapon® Pink 478	
Solvent Red 160	–
Neozapon® Red 365	
Solvent Red 195	–
Thermoplast® Red 454	
Solvent Violet 13	60725
Thermoplast® Blue 684	
Solvent Yellow 79	–
Neozapon® Yellow 081	
Solvent Yellow 81	–
Neozapon® Yellow 141	

part 1	part 2
Solvent Yellow 82	–
Neozapon® Yellow 157	
Solvent Yellow 93	48160
Thermoplast® Yellow 104	
Solvent Yellow 162	–
Neptun® Yellow 075	

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