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(54) Title: SOLID PARTICULATE CALCIUM NITRATE COMPOSITION COMPRISING A SOLID PARTICULATE SILICATE
AS AN ANTI-CAKING AGENT

(57) Abstract: The invention relates to a solid particulate calcium nitrate composition having particles with an average particle size of between 0.1 and 1 mm and comprising an anti-caking agent, wherein the anti-caking agent consists of a solid particulate silicate with an average particle size of between 0.05 and 750 µm. The invention furthermore relates to a pre-blend binder composition comprising such a solid particulate calcium nitrate composition. Also a dry mortar mix or tile adhesive composition and a dry concrete mix comprising an aggregate and such a pre-blend binder composition. Also a method for producing a solid particulate calcium nitrate composition, the use of a solid particulate silicate as anti-caking agent for a solid particulate calcium nitrate composition and the use of a solid particulate calcium nitrate composition as a setting accelerator for cementitious pre-blend binder composition are disclosed.

