

Dispex® HIDE CX 4542

general Dispex® HIDE CX 4542 is an anionic dispersing agent based on polycarboxylic acid which is especially designed to maximize the utilization of titanium dioxide in combination with fillers and extenders in architectural coatings.

chemical nature medium hydrophobic carboxyl-functional co-polymer, sodium salt in water

Properties

physical form yellowish liquid

storage Dispex® HIDE CX 4542 should not come into contact with metals or alloys that are liable to corrosion. The product should always be stored in tightly closed containers. Store protected against freezing.

**typical properties
(no supply specification)**

solid content (DIN EN ISO 3251)	~ 25 %
pH value (DIN ISO 976)	~ 10
viscosity (DIN EN ISO 2555, RV, spindle 3, 100 rpm)	~ 50 mPa·s
density	~ 1.1 g/cm ³

Application

Dispex® HIDE CX 4542 is a medium hydrophobic dispersing agent for titanium dioxide, fillers and extenders to be used in decorative coatings that makes best use of the white pigment. This leads to improved hiding power and spreading rates in a variety of formulations or cost savings on equal performance. The product is especially designed to be used in combination with the other components of the opacity toolbox like Acronal® HIDE 6296 and AQACell® HIDE 6299 to create most economical high quality paints. Dispex® HIDE CX 4542 improves gloss, reduces haze, improves wet-scrub and blocking resistance and has excellent ZnO-stability.

recommended concentrations 0.4 - 2.0% calculated on total formulation

The dosage depends on the kind and amount of pigments. Incorporation prior to the addition of pigment and fillers is recommended.

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Validity

This Technical Data Sheet is valid for all versions of the Dispex HIDE CX 4542.

Safety

When handling these products, please comply with the advice and information given in the safety data sheet and observe protective and workplace hygiene measures adequate for handling chemicals.

Note

The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product 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 product. The agreed contractual quality of the product results exclusively from the statements made in the product specification. It is the responsibility of the recipient of our product to ensure that any proprietary rights and existing laws and legislation are observed.

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