

Dispex[®] Ultra CX 4452

Product description Dispex[®] Ultra CX 4452 is an aqueous, high performance dispersant for inorganic pigments and fillers, such as (transparent) iron oxides and titanium dioxide

Key benefits

- Especially designed for inorganic pigments and fillers
- Excellent performance with transparent iron oxide pigments
- Outstanding viscosity reduction and stability
- High pigment loading
- Suitable for low-VOC applications

Chemical nature Anionic, high-molecular weight polymer

Properties

Physical form Clear, yellowish liquid

Technical data	Solvent	Water
(not supply specification)	Active content	~ 40%

Application

Dispex® Ultra CX 4452 is a water-borne dispersant for inorganic pigments and fillers, such as (transparent) iron oxides and titanium dioxide. It stabilizes inorganic pigments by means of electro-steric stabilization. It is particularly suitable for the preparation of aqueous resin-free pigment concentrates.

Dispex® Ultra CX 4452 provides strong viscosity reduction during grinding, especially in resin-free pigment concentrates. Due to its broad compatibility characteristics excellent transparency can be achieved.

It is especially recommended for aqueous wood coatings, wood preservation and high-end architectural coatings. Dispex® Ultra CX 4452 can also be used in all kinds of water-borne coatings like general industrial and automotive coatings.

Formulation guideline		
Titanium dioxide	0,5-2,5 %	Dispersant (solid) on pigment
Iron oxide	5-10 %	Dispersant (solid) on pigment
Iron oxide (transparent)	15-25 %	Dispersant (solid) on pigment

Storage

Separation or turbidity may occur during storage or transportation below 0 °C. Heat to 35–40 °C (95–104 °F) and stir well to re-liquefy.

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Validity

This Technical Data Sheet is valid for all versions of the Dispex® Ultra CX 4452.

Safety

When handling this product, 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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