

Dispex[®] Ultra PX 4275

general

Dispex[®] Ultra PX 4275 is a polymeric wetting and dispersing agent for high quality aqueous coatings and pigment pastes.

- recommended for highly loaded pigment pastes
- outstanding flow properties
- low foaming tendency
- suitable for air and oven dried coatings
- no negative influence on pot-life of aqueous 2 pack PUR coatings and on corrosion resistance

chemical nature

hydrophilic blockcopolymer in water

Properties

physical form

clear, light yellow to amber liquid

storage

The product should be protected from frost and stored in a cool dry place (0 – 45 °C [32 – 113 °F]).

typical properties (no supply specification)

solids	~ 37.5%
density at 20 °C (68 °F)	~ 1.06 g/cm ³

Application

Dispex[®] Ultra PX 4275 is an excellent wetting and dispersing agent for aqueous, binder and solvent-free pigment pastes. By using Dispex[®] Ultra PX 4275 an optimum pigment stabilization can be achieved, this also applies to highly loaded pigment pastes. It also gives outstanding flow properties to these systems. Dispex[®] Ultra PX 4275 is suitable as wetting and dispersing agent for high quality aqueous coatings based on different binders especially emulsions and dispersions. Dispex[®] Ultra PX 4275 has excellent wetting properties to both inorganic and organic pigments and high gloss levels and color strength are easily achieved. Excellent rub-out properties even with critical pigment combinations can be obtained.

recommended concentrations

Typical dosage of Dispex[®] Ultra PX 4275 in top coats is 0.5 - 2.5% added to mill base. Recommended dosage for pigment pastes (active substance calculated on pigment) is as follows:

• TiO ₂	5 - 8%
• inorganic pigments	6 - 15%
• organic pigments	10 - 30%
• carbon black	40 - 100%

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Validity

This Technical Data Sheet is valid for all versions of the Dispex Ultra PX 4275.

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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