

Dispex[®] Ultra FA 4437

general

- color acceptance improver for aqueous coatings
- surface active flow additive
- good wetting properties on difficult-to-wet substrates
- reducing color acceptance problems
- prevents surface defects such as craters, fisheyes, pinholes
- has a strong affinity to pigment surfaces

chemical nature

modified natural oil

Properties

physical form

yellowish, slightly cloudy, fluid to waxy

shelf life

Although Dispex[®] Ultra FA 4437 is freeze-thaw stable it should be stored at temperatures above 5 °C (41°F) to allow easy handling.

typical properties (no supply specification)

density at 70° C (158 °F)	~ 1.025 mPa · s
hydroxyl value	~ 78.5 KOH/g
saponification value	~ 60
pH (5%)	~ 7.5
water content	~ 0.15%

Application

aqueous systems based on emulsions and aqueous resins.

recommended concentrations

0.1 - 1.0%, calculated on total formulation

Dispex[®] Ultra FA 4437 can be added either prior to grinding the pigments or afterwards to the finished paint. However, in case of color acceptance problems grinding with the pigments is preferable in order to ensure optimum efficiency.

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Validity

This Technical Data Sheet is valid for all versions of the Dispex Ultra FA 4437.

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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