

Dispex[®] Ultra PX 4275

(old: Hydropalat[®] 3275)



The Chemical Company

general

wetting and dispersing agent for high quality aqueous coatings and pigment pastes.

Dispex[®] Ultra PX 4275 is suitable for air and oven dried coatings. Since Dispex[®] Ultra PX 4275 has no effect on pot-life it is recommended for aqueous 2 pack PUR coating. Dispex[®] Ultra PX 4275 has a low foaming tendency and to the best of our knowledge has no negative influence on the water and corrosion resistance. Dispex[®] Ultra PX 4275 is used in combination with zinc oxid, an increase of viscosity may occur. storage stability is to be checked.

chemical nature

hydrophilic blockcopolymer in water

Properties

physical form

clear, light yellow to amber liquid

shelf life

when stored under the usual appropriate storage conditions, the product can be stored for at least 1 year from the date of manufacture.

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

recommended concentrations

typical dosage of Dispex[®] Ultra PX 4275 in top coatings is 0.5 - 2.5% added to mill base. Dosage of Dispex[®] Ultra PX 4275 for pigment pastes (active substance calculated on pigment)

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

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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BASF SE
Formulation Additives
67056 Ludwigshafen, Germany
www.dispersions-pigments.basf.com
formulation-additives-europe@basf.com
formulation-additives-asia@basf.com
formulation-additives-nafta@basf.com
formulation-additives-south-america@basf.com