

Dispex[®] Ultra FA 4480

(old: HYDROPALAT[®] 1080)



The Chemical Company

general	wetting and dispersing agent with excellent pigment wetting properties for coatings and aqueous pigment pastes.
chemical nature	mono functional oleo alkyleneoxide block copolymer

Properties

physical form	viscous liquid
shelf life	subject to appropriate storage under the usual storage and temperature conditions, our products are durable for at least 2 years.

typical properties (no supply specification)

water content	~ 20%
pH	~ 6,5
cloud point	~ 63 °C

Application

Dispex[®] Ultra FA 4480 shows excellent wetting and dispersing properties in aqueous, binder and solvent-free pigment pastes. Dispex[®] Ultra FA 4480 provides outstanding flow properties even at high pigment load. In top-coats based on different binder types Dispex[®] Ultra FA 4480 improves pigment wetting and therefore increases gloss and color intensity of the paint, especially in combination with organic pigments. Dispex[®] Ultra FA 4480 shows excellent results in waterbased alkyds, polyester resins as also in aqueous polyurethane emulsions.

recommended concentrations the dosage used in pigment pastes depends on the actual pigments. Typical recommended addition levels for pigment pastes, calculated on the weight of pigment are as follows:

inorganic pigments	1 - 5%
organic pigments	10 - 30%
carbon black	up to 50%

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.

® = registered trademark, ™ = trademark of BASF Group, unless otherwise noted

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