Technical Information

Efka® PU 4063

(old: TEXAPHOR® P 63)

BASF
The Chemical Company

general	polymeric wetting and dispersing agent for the deflocculation of inorganic and organic pigments in high-quality solvent-based pigment pastes.
chemical nature	modified polyurethane

Properties

physical form	yellowish 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)	density at 20 °C (68 °F)	~ 0.99 g/cm^3
	solids	~ 45%

Application

Efka® PU 4063 is a dispersing additive for organic and inorganic pigments in high-quality solvent-based pigment pastes.

Efka® PU 4063 reduces the dispersing time and the mill base viscosity and thus facilitates the formulation of highly concentrated pigment pastes. After the pigment paste has been blended into paint, Efka® PU 4063 prevents flooding and floating of pigments and promotes excellent gloss and high color intensity.

Efka® PU 4063 is readily compatible with a wide range of binder types. Pigment pastes based on Efka® PU 4063 can therefore be used in 2-component polyurethane paints, 2 - component epoxy paints, unsaturated polyester, stoving paints and air-drying paints.

recommended concentrations

Efka® PU 4063 should be blended with the pigments in the mill base. The optimal amount to be added to a given system must be determined by testing. Usually it is in the range from 1 to 5% relative to the inorganic pigments or 15 to 50% relative to the organic pigments.

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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