

Efka® FA 4614

(old: Texaphor® 914)



general

Efka® FA 4614 is a highly effective additive for use as a gelling aid in the preparation of organically modified bentonite pastes for any range of polarity.

chemical nature

solution of non-ionic wetting agents in an aromatic solvent

Properties

physical form

clear, yellow 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)	~ 0.94 g/cm ³
solid content (QA 1758.0)	~ 49 %
flash point (QP 2372.0)	~ 62 °C

Application

Efka® FA 4614 shows good performance both as a grinding aid and as anti-settling agent. It is a highly effective additive for use as a gelling aid in the preparation of organically modified bentonite pastes for any range of polarity.

recommended concentrations

In order to prepare an organically modified bentonite paste we recommend the following formula:

80 – 87 p.p.w.	solvent
10 p.p.w	organically modified bentonite
3 – 10 p.p.w	Efka® FA 4614

The use of Efka® FA 4614 does not require any change in the usual procedure of preparing a bentonite paste. Efka® FA 4614 is simply stirred into the bentonite-solvent mixture.

If Efka® FA 4614 is used alone as both dispersing and anti-settling agent, the amount required depends on the type and quantity of binders and pigments in the formulation, but generally lies between 0.2 to 0.5%. In this case we do recommend addition of Efka® FA 4614 to the mill base before grinding.

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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