

Efka[®] FA 4642

general

low-molecular-weight dispersing agent

Efka[®] FA 4642 reduces the interfacial tension between pigments or extenders and the carrier vehicle. Product benefits are:

- reduced viscosity of the pigment dispersion
- improved stabilization
- reduced pigment sedimentation
- increased gloss and improved flow

chemical nature

unsaturated polyamide and acid ester salts

Properties

physical form

dark brownish liquid

storage

Efka[®] FA 4642 should be stored in a cool dry place.

typical properties (no supply specification)

density at 20 °C (68 °F)	~ 1.00 g/cm ³
active ingredients	~ 100 %
acid value	~ 65 mg KOH/g
amine value	~ 20 mg KOH/g
color (Gardner)	≤ 15

Application

Efka[®] FA 4642 is compatible with all solvent-free or solvent-based coating systems and does not affect the pot life of two-component systems.

Efka[®] FA 4642 offers the following advantages when used to disperse organically treated bentonites:

- shorter dispersion time
- easier handling of bentonites gel
- improved storage stability

recommended concentrations

Calculation method for the required amount of active ingredient:

inorganic pigments	0.1 – 1.0 % on pigment weight
organic pigments	1.0 – 2.5 % on pigment weight
bentonites gels	15.0 – 25.0 % on bentonites weight

If used in mill bases, add before grinding. Use as follows in bentonite dispersions:

87.5 – 88.5 %	solvent
10.0 %	bentonite
2.5 – 1.5 %	Efka® FA 4642

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Validity

This Technical Data Sheet is valid for all versions of the Efka® FA 4642.

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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