

Efka[®] FA 4610

(old : Efka[®] 5010)



general

low-molecular-weight dispersing agent

Efka[®] FA 4610 helps to wet and disperse inorganic pigments and extenders. This results in:

- reduced dispersing time
- higher pigment load
- improved gloss and flow
- elimination of haze during electrostatic application
- reduced viscosity

Due to its particularly good combination of price and performance, Efka[®] FA 4610 is a very attractive substitute for conventional wetting and dispersing agents.

chemical nature

solution of an acidic polyester polyamide

Properties

physical form

transparent, slightly yellowish liquid

shelf life

Efka[®] FA 4610 should be stored in a cool and dry place. When kept in original unopened containers, it has a total shelf life of 4 years from the date of manufacture.

typical properties (no supply specification)

solvent	xylene/2-butanol
density at 20 °C (68 °F)	~ 1.02 g/cm ³
active ingredients	~ 50 %
flash point	~ 25 °C (77°F)
acid value	~ 140 mg KOH/g
color	≤ 6

Application

Efka[®] FA 4610 is particularly suitable for:

- automotive OEM and refinish coatings
- general industrial coatings
- coil coating
- acid-curable systems

Efka[®] FA 4610 may have a catalyzing effect on the reaction in baking enamels. This may lead to a viscosity increase during storage.

recommended concentrations

Calculation method for the required amount of active ingredient on pigment:

TiO ₂ or extenders	1 – 4 %
other inorganic pigments	5 – 10 %

Efka® FA 4610 should be added prior to the dispersing process.

Safety

When handling this product 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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