

# Efka® FA 4671

## general

low-molecular-weight dispersing agent

Efka® FA 4671 helps to prevent interfacial tension between hydrophilic pigments/extenders and binder. Advantages resulting from its wide compatibility are:

- reduced dispersing time
- stabilization of the pigment dispersion
- prevention of flooding and floating
- reduced pigment sedimentation
- reduced tendency to “orange peel”
- improved gloss and leveling

## chemical nature

alkylol ammonium salt of a carboxylic acid

## Properties

### physical form

clear, slightly brownish liquid

### storage

Efka® FA 4671 should be stored in a cool dry place. Storage at temperatures below 10 °C (50 °F) may lead to partial solidification. Re-liquefy by heating contents to 35 – 40 C (95 –102 °F).

### typical properties (no supply specification)

	solvent	water
density at 20 °C (68 °F)		~ 1.09 g/cm <sup>3</sup>
active ingredients		~ 53 %
acid value		~ 90 mg KOH/g
amine value		~ 100 mg KOH/g

## Application

Efka® FA 4671 is suitable for low- or high-polarity solvent systems as well as water-based coatings.

It is used to reduce flooding and settling in non-polar systems, e.g., air-drying alkyd paints. It is an effective anti-settling agent in wash and shop primers.

It improves the color acceptance of tinting bases in white latex paints, resulting in higher pigment efficiency.

**recommended concentrations**

Calculation method for the required amount of active ingredient:

0.5 – 2.0 % by weight on inorganic pigment

2.5 – 5.0 % by weight on organic pigment

Efka® FA 4671 should be added prior to the dispersing process.

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This Technical Data Sheet is valid for all versions of the Efka FA 4671.

**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**

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