

# Efka<sup>®</sup> FA 4666

## general

low-molecular-weight dispersing agent

Efka<sup>®</sup> FA 4666 helps to prevent interfacial tension between hydrophilic pigments/extenders and binder. Advantages resulting from its poly-functional composition are:

- reduced dispersing time
- reduced pigment sedimentation
- prevention of flooding and floating
- stabilization of the pigment dispersion

## chemical nature

high-molecular-weight unsaturated carboxylic acid

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## Properties

### physical form

transparent, slightly brownish liquid

### storage

Efka<sup>®</sup> FA 4666 should be stored in a cool and dry place.

### typical properties (no supply specification)

solvent	alkylbenzene/diisobutyl ketone
density at 20 °C (68 °F)	~ 0.95 g/cm <sup>3</sup>
active ingredients	~ 52 %
acid value	~ 140 mg KOH/g
flash point	~ 40 °C (104 °F)

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## Application

Efka® FA 4666 is especially suitable for medium- to high-polarity binder systems, for example:

- alkyd/amino resin combinations
- nitrocellulose systems
- polyurethane systems
- acrylic polyisocyanate systems (2K acrylics)
- chlorinated polymers

Efka® FA 4666 is not compatible with white spirit or paints which are diluted with white spirit.

## recommended concentrations

Calculation method for the required amount of active ingredient:

- 0.5 – 2.5 % by weight on inorganic pigment
- 0.1 – 1.0 % by weight on total formulation

Efka® FA 4666 should be added prior to the dispersing process.

## Contacts worldwide

## Asia

BASF East Asia Regional Headquarters Ltd  
45/F, Jardine House  
No. 1 Connaught Place  
Central Hong Kong  
China  
[formulation-additives-asia@basf.com](mailto:formulation-additives-asia@basf.com)

## North America

BASF Corporation  
11501 Steele Creek Road  
Charlotte, NC 28273  
USA  
[formulation-additives-nafta@basf.com](mailto:formulation-additives-nafta@basf.com)

## Europe

BASF SE  
Formulation Additives  
67056 Ludwigshafen  
Germany  
[formulation-additives-europe@basf.com](mailto:formulation-additives-europe@basf.com)

## South America

BASF S.A  
Rochaverá - Crystal Tower  
Av. das Nações Unidas, 14.171  
Morumbi - São Paulo-SP  
Brazil  
[formulation-additives-south-america@basf.com](mailto:formulation-additives-south-america@basf.com)

**Validity**

This Technical Data Sheet is valid for all versions of the Efka® FA 4666.

**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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