

# Efka® FA 4608

## general

low-molecular-weight dispersing agent

Efka® FA 4608 is a wetting and dispersing additive for inorganic pigments (especially  $\text{TiO}_2$ ) and extenders. Product benefits are:

- reduced dispersing time
- increased gloss
- reduced flooding of pigments

In white bases, Efka® FA 4608 improves the color acceptance of tinting pastes, resulting in higher pigment efficiency. In addition it will reduce flooding and floating in those bases.

## chemical nature

hydroxy-functional unsaturated modified carboxylic acid with pigment-affine groups

## Properties

### physical form

clear to slightly hazy brownish liquid

### storage

Efka® FA 4608 should be stored in a cool dry place. Storage at temperatures below 10 °C (50 °F) may lead to partial solidification. Reliquefy by heating contents to 35 – 40 °C (95 – 102 °F).

### typical properties (no supply specification)

density at 20 °C (68 °F)	~ 0.95 g/cm <sup>3</sup>
active ingredients	~ 100 %
amine value	~ 85 mg KOH/g
color (Gardner)	≤ 13

## Application

Efka® FA 4608 is suitable for use in solvent-based architectural and decorative paints.

### recommended concentrations

Calculation method for the required amount of active ingredient:

0.5 – 1.5 % by weight on  $\text{TiO}_2$  or extenders  
3.0 – 5.0 % by weight on other inorganic pigments

Efka® FA 4608 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)

## Europe

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

## 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 4608.

**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.

® = registered trademark, ™ = trademark of BASF Group, unless otherwise noted

[www.basf.com/formulation-additives](http://www.basf.com/formulation-additives)