

# Efka<sup>®</sup> FL 3740 EH

**Product description** Flow and leveling agent

**Key benefits**

- Leveling agent with air release properties for non-aqueous, liquid coating systems
- Also suitable for powder coatings and binders for powder coatings
- Modifies the surface tension of the coatings
- Eliminates or reduces cratering
- Reduces fish-eyes and orange peeling
- Improves flow, dispersion and floating behavior
- Prevents air entrapment and optimizes substrate wetting

**Chemical nature** Copolyacrylate

## Properties

**Physical form** Clear, colourless liquid

**Technical data**

(no supply specification)

Physical form	Clear, colorless liquid
Density at 20 °C (68 °F)	~ 0.92 g/cm <sup>3</sup>
Brookfield viscosity at 23 °C (73 °F)	~ 2 000 mPa·s
Solids	~ 97 %
Refraction index at 20 °C (68 °F)	~ 1.46

## Application

Efka® FL 3740 EH is a flow and levelling agent with air release properties for non-aqueous, liquid coating systems. It prevents air entrapment and optimizes substrate wetting.

Efka® FL 3740 EH can be used in:

- alkyd resin paints
- epoxy resin paints
- 2-pack acrylic coatings
- PVC copolymer coatings
- polyurethane coatings
- chlorinated rubber coatings
- nitrocellulose coatings

Efka® FL 3740 EH is also ideally suited to be used in the manufacture of powder coatings or binders for powder coatings. For the preparation of a master batch we recommend to mix 9 parts of polyester resin with 1 part Efka® FL 3740 EH. This mixture is perfectly suited for direct application in the premix and extrusion process. The drawbacks of leveling agents applied on SiO<sub>2</sub> are avoided.

## Formulation guideline

0.2 - 1.0% Efka® FL 3740 EH may be added either to the mill base prior to grinding, or stirred into the paint after pigment dispersion

The optimal amount of part Efka® FL 3740 EH required depends upon the formulation.

## Storage

Efka® FL 3740 EH should be stored in a cool dry place

### 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)

## 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.

® = Registered trademark

™ = Trademark of the BASF Group, unless otherwise noted

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