

# efka® - 5070

## Wetting and dispersing agent to prevent flooding and floating of pigments

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**Composition:** High molecular weight unsaturated polycarboxylic acids and esters, combined with a compatible organically modified polysiloxane

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**Data:**

Active ingredients	: 50 - 54%	
Solvent	: alkylbenzene	
Density at 20 °C	: 0.94 - 0.97 g/cm <sup>3</sup>	DIN 51757
Acid value	: 45 - 65 mg KOH/g	DIN 53402
Flashpoint	: 47 °C	ISO 3679
Appearance	: clear to slightly hazy, brownish liquid	

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**Properties:** EFKA-5070 helps to prevent interfacial tension between the hydrophilic pigments/extenders and the binder. Due to its wide compatibility and the combination with a polysiloxane, the following advantages can be achieved:

- reduced dispersion time and stabilization of the pigment dispersion
  - prevention of flooding and floating
  - reduced pigment sedimentation
  - reduced tendency to 'orange-peel'
  - improved gloss and levelling
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**Application:** EFKA-5070 is especially suitable to stabilize all kinds of pigments and is applied in solvent-based industrial coatings like:

- alkyd/amino resin combinations
  - acrylic polyisocyanate systems
  - nitrocellulose systems
  - polyurethane and chlorinated polymer systems
  - chlorinated polymers
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**Addition:** 0.5 – 4.0% based on inorganic pigments  
8.0 – 16.0% based on organic pigments  
0.1 – 1.0% based on total formulation

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**Incorporation:** EFKA-5070 should be added prior to the dispersion process.

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**Storage:** EFKA-5070 should be stored in a cool dry place. When kept in an original unopened container, it will keep up to 5 years from the date of manufacture. The expiry date is indicated on the container.

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**Packaging:** 25 kg and 180 kg non-returnable containers

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