

efka® - 5065

Wetting and dispersing additive to prevent flooding and floating of pigments

Composition: High molecular weight unsaturated carboxylic acid, combined with a very compatible organically modified polysiloxane

Data:

Active ingredients	: 50 - 54%	
Solvents	: alkylbenzene/diisobutylketone	
Density at 20 °C	: 0.94 - 0.96 g/cm ³	DIN 51757
Acid value	: 100 - 140 mg KOH/g	DIN 53402
Flashpoint	: 40 °C	ISO 3679
Appearance	: transparent, slightly brownish liquid	

Properties: EFKA-5065 helps to prevent interfacial tension between the hydrophilic pigments/extenders and the binder. Advantages resulting from its poly-functional composition and the incorporation of a very compatible polysiloxane are:

- reduced dispersion time
 - stabilization of the pigment dispersion
 - reduced pigment sedimentation
 - no formation of Bénard cells
 - reduced tendency to 'orange-peel'
 - prevention of flooding and floating
 - improved gloss and slip
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Application: EFKA-5065 is especially suitable for medium to high-polarity binder systems, for example:

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

EFKA-5065 is not compatible with white spirit or paints which are diluted with white spirit.

Addition: 0.5 - 2.5% based on inorganic pigments or
0.1 - 1.0% based on total formulation

Incorporation: EFKA-5065 should be added prior to the dispersion process.

Storage: EFKA-5065 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.

Packaging: 25 kg and 180 kg non-returnable containers
