

# efka® - 5044

## Anionic/cationic wetting and dispersing additive to improve the wetting of pigment surfaces and organically treated Bentonites

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**Composition:** Unsaturated polyamide and acid ester salts

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**Data:**

Active ingredients	: 50 - 54%	
Solvents	: xylene/n-butanol/monopropyleneglycol	
Density at 20 °C	: 0.93 - 0.95 g/cm <sup>3</sup>	DIN 51757
Acid value	: 23 - 31 mg KOH/g	DIN 53402
Amine value	: 14 - 20 mg KOH/g	DIN 16945
Flashpoint	: 25 °C	ISO 3679
Appearance	: transparent, yellowish liquid	

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**Properties:** EFKA-5044 is an additive for pigment dispersion. It reduces the interfacial tension between pigments or extenders and the vehicle. This means:

- reduced dispersion time
- stabilization of the pigment dispersion
- decreased pigment sedimentation
- increased gloss and improved flow

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**Application:** EFKA-5044 is compatible with all solvent or solvent-free coating systems. The pot-life of 2-pack systems is not affected. In the dispersion of organically treated Bentonites, the use of EFKA-5044 offers the following advantages :

- shorter dispersion time
- easier handling of the Bentonite gel
- improved storage stability

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**Addition:** 0.2 - 2.0% based on inorganic pigments  
2.0 - 5.0% based on organic pigments  
For Bentonite gels use 30 - 50% on the Bentonites.

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**Incorporation:** When used in mill-bases, add before grinding. In Bentonite dispersions use as follows :

85	-	87	parts of solvent
		10	parts of Bentonite
5	-	3	parts of EFKA-5044
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**Storage:** EFKA-5044 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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