

# efka® - 5064

## Wetting and dispersing additive to prevent flooding and floating

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**Composition:** Partial amide and salt of a high molecular weight unsaturated carboxylic acid, combined with an organically modified polysiloxane highly compatible with most coating resins

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**Data:**

|                    |   |           |
|--------------------|---|-----------|
| Active ingredients | : 50 - 54%                              |           |
| Solvents           | : alkylbenzene/diisobutylketone         |           |
| Density at 20 °C   | : 0.91 - 0.93 g/cm <sup>3</sup>         | DIN 51757 |
| Acid value         | : 70 - 90 mg KOH/g                      | DIN 53402 |
| Amine value        | : 8 - 14 mg KOH/g                       | DIN 16945 |
| Flashpoint         | : 40 °C                                 | ISO 3679  |
| Appearance         | : transparent, slightly brownish liquid |           |

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**Properties:** EFKA-5064 helps to prevent interfacial tension between the hydrophilic pigments/extenders and the binder. The properties are enhanced due to the inclusion of a very compatible polysiloxane ingredient. This means:

- shorter dispersion time
- stabilization of the pigment dispersion
- reduced tendency to flooding and floating of the pigments
- prevention of Bénard cell formation
- increases gloss and surface smoothness

EFKA-5064 possesses better compatibility than EFKA-5065 or EFKA-5066.

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**Application:** EFKA-5064 is particularly suited for the following binder systems:

- air-dried short-oil alkyd resins
- alkyd/amino resin blends
- acrylic resin blends
- polyurethane systems
- 2-pack systems
- chlorinated polymers

EFKA-5064 is not compatible with white spirit or systems which are diluted with white spirit.

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**Addition:** 0.5 - 2.5% based on inorganic pigments  
2.5 - 5.0% based on organic pigments

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**Incorporation:** EFKA-5064 should be added prior to the dispersion process.

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**Storage:** EFKA-5064 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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