

# efka® - 3031

## Slip, levelling and antiblocking additive

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**Composition:** Organically modified polysiloxane

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**Data:**

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|--------------------|--|-----------|
| Active ingredients | : 51 - 54%                                 |           |
| Solvent            | : alkylbenzene                             |           |
| Density at 20 °C   | : 0.94 - 0.96 g/cm <sup>3</sup>            | DIN 51757 |
| Refractive index   | : 1.469 - 1.479                            | DIN 53491 |
| Flashpoint         | : 40 °C                                    | ISO 3679  |
| Appearance         | : clear to slightly hazy, colorless liquid |           |

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**Properties:** EFKA-3031:

- improves mar-resistance
- increases slip and surface smoothness
- prevents cratering
- decreases the tendency to floating of pigments
- reduces the sensitivity to air-draughts

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**Application:** EFKA-3031 is compatible with all medium to high-polarity solvent based systems.

**Wood finishes:** in unsaturated polyesters, e.g. UV-cured, EFKA-3031 improves slip and smoothness of the surface, and does not influence curtain stability when applied by curtain coating. The sensitivity to air-draughts when sprayed or poured will be reduced by EFKA-3031.

**Metal coatings:** EFKA-3031 improves levelling and mar-resistance and acts as an antiblocking agent. This is particularly advantageous in PUR systems based on hydroxyacrylics. Due to its high surface activity, EFKA-3031 can interfere with intercoat adhesion when recoated without sanding. If air is introduced by the application equipment small amounts of defoamers such as EFKA-2020 and EFKA-2022 should be added.

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**Addition:** 0.1 - 0.3% on total formulation

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**Incorporation:** EFKA-3031 can be added at any stage of the manufacturing process.

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**Storage:** EFKA-3031 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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