

# Efka<sup>®</sup> SL 3230

**Product description** Slip and leveling agent

- Key benefits**
- Suitable for high solid, solvent-borne and water-based systems
  - Excellent reduction of coefficient of friction – high slip values and improved scratch resistance
  - Low foaming
  - Improved substrate wetting by lowering surface tension
  - Recommended for high gloss systems due to its excellent compatibility

**Chemical nature** Organo-modified polysiloxane

## Properties

**Physical form** Clear colorless liquid

<b>Technical data</b> (not supply specification)	Density at 20°C (68°F)	DIN 51757	~ 1.05 g/cm <sup>3</sup>
	Solids content, 1h at 120°C		~ 98%
	Viscosity at 25°C	DIN 53015	~ 1,300 mPa·s
	Color Gardner at 20°C		≤ 1

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## Application

Efka® SL 3230 is a universal highly compatible polyethersiloxane-based slip and leveling agent significantly improving scratch resistance. Efka® SL 3230 provides distinct reduction of coefficient of friction resulting in pronounced slip properties and improved scratch resistance. Efka® SL 3230 is very compatible in water-based, solvent-born and solvent-free systems. Therefore, it is also recommended for high gloss clearcoats. Its reduction of surface tension makes it suitable as wetting agent for substrates with low surface energy.

**Formulation guideline** 0.05% - 1% on total formulation

Efka® SL 3230 can be added at any stage of the production process.

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## Storage

Efka® SL 3230 should be stored in a cool and dry place. Temperatures of <0°C may lead to partial solidification. This has no influence on the quality of the product and can be reversed by heating to 35–40°C (95–102 °F).

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### Validity

This Technical Data Sheet is valid for all versions of the Efka® SL 3230.

### Safety

When handling this product, please comply with the advice and information given in the safety data sheet and observe protective and workplace hygiene measures adequate for handling chemicals.

### Note

The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights, etc. given herein may change without prior information and do not constitute the agreed contractual quality of the product. The agreed contractual quality of the product results exclusively from the statements made in the product specification. It is the responsibility of the recipient of our product to ensure that any proprietary rights and existing laws and legislation are observed.

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