

Formulation Additives

Technical Data Sheet

Efka[®] SL 3257 (old: Perenol[®] S 57)



Product Description Efka[®] SL 3257 is a non-reactive slip modifier and leveling agent for printing inks, coatings and paints.

Chemical Composition Organo-modified Polysiloxane

Properties

Product Specifications	Appearance	clear – hazy liquid
	Viscosity at 25 °C, (ISO 2555) (sp. 2 30 rpm)	175 – 390 mPa s
Typical Characteristics	Density at 25 °C (ISO 2811-3)	1.03 – 1.05 g/ml
	Refractive Index (ISO 6320)	1.434
	Flash point (ASTM D93)	> 100° C

These typical values should not be interpreted as specifications.

Applications

Efka[®] SL 3257 is a solvent-free, 100% active, polyether modified polysiloxane, for use in inks, coatings and paints. Efka[®] SL 3257 exhibits excellent substrate wetting and reduction of surface tension of the liquid film. It is compatible with a wide range of resins and provides slip modified surfaces that are conducive to recoatability. Additionally, Efka[®] SL 3257 has been found to improve gloss, scratch resistance and leveling of coatings, and provides very efficient reduction of COF (coefficient of friction).

Dosage The recommended addition level lies between 0.05 % and 1% on total formulation. Ideally, Efka[®] SL 3257 should be added to the system during grind or as a let-down but can also be stirred in as post-add.

Safety

General

The usual safety precautions when handling chemicals must be observed. These include the measures described in Federal, State, and Local health and safety regulations, thorough ventilation of the workplace, good skin care, and wearing of protective goggles.

Material Safety Data Sheet

All safety information is provided in the Material Safety Data Sheet for Efka® SL 3257.

Storage

Efka® SL 3257 is subject to appropriate storage under the usual storage and temperature conditions; our products are durable for at least 1 year.

Important

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BASF Corporation
Dispersions and Pigments
11501 Steele Creek Road
Charlotte, North Carolina 28273
Phone: (800) 251 – 0612
Email: edtech_info@basf.com
www.basf.us/dpsolutions