

Efka[®] SL 3259

(old: Perenol[®] S 59)



general	non-reactive slip and leveling/wetting agent for printing inks, overprint varnishes, coatings and paints
chemical nature	organo-modified polysiloxane

Properties

physical form	clear to slightly hazy colorless liquid						
shelf life	When stored under the usual appropriate storage conditions, the product can be stored for 1 year.						
typical properties (no supply specification)	<table><tr><td>density at 20 °C (68 °F)</td><td>~ 1.00 g/cm³</td></tr><tr><td>Brookfield viscosity at 23 °C (73 °F)</td><td>~ 175 mPa . s</td></tr><tr><td>flash point</td><td>> 90 °C (194 °F)</td></tr></table>	density at 20 °C (68 °F)	~ 1.00 g/cm ³	Brookfield viscosity at 23 °C (73 °F)	~ 175 mPa . s	flash point	> 90 °C (194 °F)
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Application

Efka[®] SL 3259 is a solvent-free modified polysiloxane for use in printing inks, coatings and paints. Being compatible with a wide range of resins, it enhances excellent substrate wetting due to the reduction of the surface tension of the liquid film. Additionally, Efka[®] SL 3259 improves gloss, scratch resistance and leveling of coatings. It very efficiently reduces the coefficient of friction (COF) because Efka[®] SL 3259 accumulates on the surface of the cured film and thus increases extremely efficiently the surface slip effect. Efka[®] SL 3259 is well suitable for UV-based as well as solvent- and water-based applications.

recommended concentrations	usually 0.05 – 1.50% calculated on total formulation
	Efka [®] SL 3259 should be added at the grinding or let-down stages but may also be stirred in post-additive.

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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BASF SE
Formulation Additives
67056 Ludwigshafen, Germany
www.dispersions-pigments.basf.com
formulation-additives-asia@basf.com
formulation-additives-europe@basf.com
formulation-additives-nafta@basf.com
formulation-additives-south-america@basf.com