Organic silicon wetting agent

Sinnosil® OF-8100

Features and Benefits

Outstanding wetting performance, effectively addressing wetting challenges on styrene-based substrates
Excellent anti-pinhole properties
Low foaming tendency
Good recoating compatibility
Suitable for waterborne, solvent-borne, and UV-curable systems

Technical Specifications

Appearance	Transparent liquid
Active Ingredient	Modified polyether organosilicon
Content	100%

Application Guidelines and Compatibility

Application Method

OF–8100 can be added at any stage of the production process. It exhibits excellent dispersibility; however, for optimal stability, it is recommended to incorporate it during the final stages of the coating or adhesive formulation with thorough dispersion.

Recommended Uses

This product is widely applicable in systems requiring improved wetting performance, including overprint varnishes, inks, industrial coatings, leather finishes, wood coatings, and adhesives. It is compatible with waterborne, solvent-borne, and UV-curable systems.

Recommended Dosage

The recommended dosage is 0.1%–1.0% by weight of the total formulation and may be adjusted based on specific application requirements.

Storage and Shelf Life

When stored in original, unopened containers at temperatures at or below 35°C (95°F).
The product has a shelf life of 30 months from the date of manufacture.

Packaging

Available in 18 kg and 200 kg drum packaging
Sample packaging: 500 mL bottle

Limitations of Use

This product has not been tested or certified for use in pharmaceutical or medical applications.

Company Information

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Sinnosil®