



# Silicone leveling agent

#### Overview

F-57 is a polyether-modified polysiloxane leveling agent, primarily designed for use in water-based and solvent-based systems. It exhibits exceptional wetting properties and reduces friction coefficient effectively.

# **Physicochemical Properties**

| Appearance       | Clear, slightly yellow liquid | Composition | Ether-modified Polysiloxane |
|------------------|-------------------------------|-------------|-----------------------------|
| Solid<br>Content | ≥99.0 %                       | Solvent     | None                        |
| Density          | 1.03 g/ml                     |             |                             |

## **Properties and Advantages**

An EO/PO-containing polyether-modified polysiloxane, versatile for use in both water and solvent-based systems; strong wetting ability; highly efficient at low addition levels; outstanding smoothness; recoatable.

- Excellent wetting provides rapid leveling and lubricating properties.
- Effectively eliminates surface defects such as orange peel, craters, and edge pulling.
- Recoatable with minimal impact on intercoat adhesion.
- Provides a lubricious feel and aids in matting agent alignment.
- Offers anti-adhesive, scratch-resistant, and abrasionresistant properties.

**Dosage** 

0.05-0.5% of the total formulation.

**Application** 

Suitable for solvent-based and solvent-free coatings, inks.

**Precautions** &Storage

Please dilute with solvent before use. May solidify at low temperatures; heat in a water bath to restore flowability. Store between 0-40 °C in a cool, well-ventilated area, keep the container tightly sealed, and keep away from heat and sources of ignition.

**Safety** 

Refer to MSDS

**Packaging** 

25 KG/Barrel

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For further detailed information, please contact our company directly.

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