



### Silicone leveling agent

#### Overview

F-50 is a polyether-modified polysiloxane leveling agent suitable for solvent-based coatings and ink systems. It offers high wetting properties, rapid flow and leveling, gloss enhancement, and recoatability.

# Physicochemical Properties

Appearance	Clear, slightly yellow liquid	Composition	Polyether-modified polysiloxane
Solid Content	50.0 ±2.0 %	Solvent	BCS
Density	0.95 g/ml		

## Properties and Advantages

Highly efficient flow and leveling agent; strong wetting power, excellent compatibility, outstanding smooth feel, recoatable.

- Particularly suitable for high gloss systems, with gloss enhancing properties.
- Prevents marring (Bernard swirl formation).
- Enhances surface slip, reduces friction coefficient, and improves scratch resistance.
- Effectively resolves cratering, pinholing, fisheyes, and similar issues.
- Provides exceptional soft and smooth hand feel.
- Minimal impact on intercoat adhesion.

**Dosage** 

Usage: 0.05-0.5% of the total formulation.

**Application** 

Suitable for solvent-based coatings.

Precautions & Storage

Store between  $0-40 \,\mathrm{C}$  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.

The information provided is compiled based on our current knowledge and is intended for reference only. No guarantees are made. We reserve the right to modify product parameters within the scope of process advancements or product development. Due to the wide range of processing conditions and raw material combinations beyond our control, users are advised to conduct suitability tests before production.

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