



F-50

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 °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