



F-19W

Wetting and leveling agent



Overview

F-19W is a special polyether-modified siloxane wetting and leveling agent designed to prevent oil contamination, shrinkage cavities, and craters. It is suitable for water-based anticorrosion and epoxy coatings, significantly enhancing substrate wetting and eliminating crater effects without affecting recoatability.

Physicochemical Properties

Appearance	Transparent, slightly yellow liquid	Composition	Polyether-modified siloxane
Solid content	100 %	Solvent	None
Density	1.02 g/ml		

Characteristics & Advantages

F-19W special polyether-modified siloxane surfactant features low surface tension, high heat resistance, and high chemical resistance, providing wetting and crater elimination without affecting recoatability.

- Enhances the product's ability to prevent oil contamination, shrinkage cavities, and improve wetting and leveling
- Suitable for spray, brush, roll, printing, and transfer applications, effectively resolving crater and shrinkage cavity issues
- Contains hydroxyl groups, increasing surface crosslink density
- Improves substrate adhesion
- Does not affect recoatability
- High heat resistance, withstands temperatures up to 250 °C

Dosage

0.05-0.5 % of the total formulation

Application

Water-based baked coatings, water-based industrial coatings, inks, and water-based anticorrosion and epoxy coatings.

Precautions & Storage

0-40 °C; store in a cool, ventilated place; keep containers tightly sealed and away from heat and flames.

Safety

Refer to MSDS

Packaging

25 KG/Barrel