

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 $^{\circ}$ 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

 $0-40~\mathrm{C}$; store in a cool, ventilated place; keep containers tightly sealed and away from heat and flames.

Safety

Refer to MSDS

Packaging

25 KG/Barrel

NEW-TECHEM

For further detailed information, please contact our company directly.

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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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