



F-77

Fluorine-modified acrylate leveling agent



Overview

F-77 is an organic fluorine-modified acrylate leveling agent, primarily suitable for various solvent-based and solvent-free systems. It significantly reduces surface tension, enhances substrate wetting, improves leveling and flow, prevents cratering, and controls foaming and defoaming. It is also recoatable.

Physicochemical Properties

Appearance	Transparent, slightly yellow liquid	Composition	Fluorine-modified acrylate
Solid Content	70.0 ± 2.0 %	Solvent	Isoparaffinic eco-friendly Solvent
Density	0.98 g/ml		

Properties and Advantages

The fluorine elements in the acrylate molecular chain provide extremely low surface tension and wetting properties, while the acrylate copolymer offers excellent leveling, foam suppression, and defoaming properties

- Excellent compatibility, suitable for various solvent-based and solvent-free systems
- Effectively improves leveling and substrate wetting
- Prevents and eliminates surface defects such as pinholes, fisheyes, cratering, and brush marks
- Excellent heat resistance
- Recoatable without affecting interlayer adhesion
- Provides foam suppression and defoaming

Dosage Application

0.1-2% of the total amount

Solvent-based coatings

Precaution Storage

& Store at 0-40 °C in a cool, well-ventilated area. Keep the container tightly closed and away from heat and open flames.

Safety

Refer to MSDS

Packaging

25 KG/Barrel