

### F-78

## Fluorine-modified acrylate leveling agent

#### Overview

F-78 is an eco-friendly organic fluorine-modified acrylate leveling and tactile 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, controls foaming and defoaming, and provides a pleasant tactile feel. It is also recoatable.

# Physicochemical Properties

Appearance	Transparent, slightly yellow liquid	Composition	Fluorine-modified polyacrylate
Solid Content	50.0 ±2.0 %	Solvent	Isoparaffinic eco- friendly Solvent
Density	0.98 g/ml		

## Properties and Advantages

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

- Eco-friendly and highly compatible, 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, withstands temperatures above  $210 \, ^{\circ}\text{C}$ .
- Recoatable without affecting interlayer adhesion.

**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

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For further detailed information, please contact our company directly

www.new-techem.com

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.

Revision date: 2024.01.02 Version: 4208 V1 2024