New Technology Leads the Future







Fluorocarbon surfactant

Overview

FF-451 is an eco-friendly, high molecular weight fluorocarbon surfactant, primarily suitable for various solvent-based and solvent-free systems to reduce surface tension. It offers excellent substrate wetting ability, improved leveling and flow, outstanding anti-cratering properties, high-temperature resistance, and recoating capability.

Physicochemic
al Properties

Appearance	Yellow liquid	Composition	High molecular weight fluorocarbon surfactant
Active Ingredient	≥70 %	Solvent	PMA
Density	1.05 g/ml		

Properties and Advantages

- Excellent compatibility with various resins, non-foaming
- Strong surface tension reduction
- Superior substrate wetting ability, fast leveling speed
- Excellent anti-cratering, anti-pinholing, and anti-cavity properties
- High-temperature resistance, up to 250 ℃
- Recoatable

Dosage

0.1-1.0% of the total amount

Application

Various alkyd, acrylic, amino baking varnishes, polyurethane, epoxy, and UV

systems

Precaution &

Store in a cool, well-ventilated area. Keep the container tightly closed. Under normal recommended storage conditions, the product is effective for 2 years.

Storage 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.

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