



FF-451

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.

Physicochemical 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-pinhoing, and anti-cavity properties
- High-temperature resistance, up to 250 °C
- Recoatable

Dosage

0.1-1.0% of the total amount

Application

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

Precaution & Storage

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

Safety

Refer to MSDS

Packaging

25 KG/Barrel