Technical Data Sheet

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Enfinol® DF466

Version: 2

Overview

- Enfinol® DF466 is a silicone defoaming agent used in solvent-free and solvent-based coatings, printing inks, and room-temperature curing resin systems based on epoxy resins and polyurethanes, with a chemical composition of a defoaming polysiloxane solution.

Product Features

- A silicone defoamer suitable for various solvent-based systems, achieving optimal defoaming performance with minimal incompatible substances.
- Can reduce the foam generated during the production and processing of epoxy resin and polyurethane systems.
- This product contains fluorine-modified silicone.

Physical Property

Products Typical Data

Appearance (25℃):	Colorless to pale yellow transparent liquid
Density（25℃，g/cm^3）：	0.806
Solid content（150℃，15min，%）：	0.9
Chroma（25℃，Pt-Co）	35

Application

- Building coating
- Industrial paint
- Wood and furniture coatings
- Printing ink
- Automotive paint
- Canned paint
- Protective coating system

Use Method

- To achieve optimal defoaming performance, the defoaming agent should be added during the grinding process. If introduced post-grinding, sufficient shear force must be applied to ensure proper dispersion and prevent shrinkage cavities.
- This product should be added to the resin prior to incorporating other components, or it may be incorporated into the entire system.
- The recommended dosage is based on the total formula at 0.1-0.7%, with the optimal dosage to be determined through a series of experiments.

Packaging & Storage

- 20kg、200kg & 1000 kg/Barrel
- The product has a shelf life of 12 months from the date of manufacture.

Service Restrictions

- This product has not been tested nor has it been specifically stated that it is suitable for medical or pharmaceutical use. It may not be used for human injection or consumption.

Limited Warranty Information - Please read carefully

- The content of this product data sheet is based on the products owned by my company, and is provided for reference only.
- Due to the numerous formulations, production, and application conditions, customers should pre-test the adaptability of my company's products before using them to determine their performance, efficiency, and safety.
- The suggestions we provide shall not be considered as a cause of any patent infringement. The sole responsibility of our company is to refund the money or exchange it for a product with same value.
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