Technical Data Sheet

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Enfinol® DF9

Version: 5

Performance Overview

- Enfinol® DF9 is a water-based organic silicone defoamer, suitable for the production processes of various types of latex paints, water-based inks, and adhesives. It exhibits excellent compatibility compared with other organic defoamers and demonstrates significant effectiveness even at very low usage levels

Product Features

- Compared to traditional organic silicone defoamers, this product is less likely to cause fish eyes and cratering
- Combines the performance characteristics of silicone defoamers with the compatibility of non-silicone defoamers
- Additionally, it enhances the leveling, wetting, scratch resistance, and slip properties of coatings

Physical Property

Products Typical Data	
Appearance	Milk-white liquid
Active substance (%)	49.00-51.00
Viscosity (25℃, cps)	1000 - 3000
Diluent:	Water

Application

- Water-based coatings, and inks

Use Method

- This product is effective at low concentrations, with the specific amount depending on the type of formulation, resin system, and total solid content. The addition concentration is typically 0.05% to 0.5% of the total formulation weight
- For water-based printing inks, the recommended addition amount is 0.05% to 0.5%; for water-based coatings, the recommended addition amount is 0.1% to 0.5%
- Added during the grinding stage, paint mixing stage, or final stage; the performance of the additive may vary depending on the system and formulation
- The optimal amount should be determined through a series of experiments

Packaging & Storage

- 20kg、200kg & 1000 kg/Barrel
- Shelf life of 12 months from the date of production

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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