



DF-65

Silicone emulsified defoamer



Overview

DF-65 is an emulsified polysiloxane defoamer, primarily suitable for aqueous and some solvent-based coatings and ink systems. It exhibits high efficiency in foam suppression and foam breaking, and it can enhance leveling and abrasion resistance.

Physicochemical Properties

| | | | |
|-----------------------|--------------------|--------------------|-------------------------|
| Appearance | Milky white liquid | Composition | Emulsified polysiloxane |
| Active content | 60.0 ± 2.0% | Solvent | Water |
| Density | 0.90 g/ml | pH Value | 6.5 ± 1.0 |

Characteristics & Advantages

High molecular weight emulsified polysiloxane offers efficient foam suppression, defoaming, and foam-breaking properties, along with leveling and abrasion resistance benefits, and is safe to use.

- Not only provides strong defoaming capability but also excellent foam suppression, suitable for various aqueous and some solvent-based coatings and inks;
- High safety factor, unlikely to cause oil spots, shrinkage cavities, fisheyes, or other coating film defects;
- Excellent compatibility, broad applicability, unaffected by temperature, pH, or interference from other surfactants;
- Enhances the leveling and wetting properties of coatings and inks;
- Improves the smoothness and abrasion resistance of solvent-based coatings

Dosage

Defoaming: Aqueous flexographic inks: 0.05-0.5%, Aqueous gravure inks: 0.1-0.5%, Solvent-based flexographic inks: 0.05-0.1%, Aqueous coatings (including latex paints): 0.05-0.2%

Leveling & Wetting: Aqueous flexographic inks: 0.05-0.5%, Aqueous wood coatings: 0.5-1.0%, Latex paints or aqueous industrial coatings: 0.1-0.15%

Abrasion Resistance & Smoothness: Solvent-based coatings or inks: 0.05-0.10%

Application

Aqueous coatings, inks, colorants, and medium to high polarity solvent-based coatings and inks

**Precautions &
Storage**

Storage temperature should be maintained between 5-30 °C.

Safety

Refer to MSDS

Packaging

25 KG/Barrel