TECHNICAL INFORMATION

Defoamer for aqueous systems

Composition: Blend of metallic stearate and mineral oil

Appearance: liquid
Colour: hazy amber

Typical Properties:
- Active ingredients: approx. 96.5%
- Consistency: approx. 1,000 mPas/cps
- Density at 20°C: approx. 7.28 lbs/gal
- Emulsifiable: Strong
- pH (2% in dist. water): approx. 6.6

This information is intended as a guideline only and should not be used to issue specifications. Slight deviations do not affect application and capability of the product. For specifications please consult the Certificate of Analysis.

Properties/applications:
A universal workhorse defoamer effective in most adhesives including wood glue, envelope & label, construction, and natural/neoprene formulations. DEE FO 97-3 is also efficient in pigment dispersing and defoaming metallic inks. The defoamer provides excellent persistence in OPV, wood finishes, and a variety of industrial coatings formulations as well.

Main applications:
- Grind stage of coatings
- OPV formulations
- Clear coatings
- Industrial water-based coatings
- Wood coatings
- Traffic Paint
- Envelope / Label adhesives
- Natural / Neoprene / Nitrile Latex-based adhesives

Recommended levels/use:
The properties and performance of a defoamer are greatly dependent upon the specific formulation in which it is utilized and, consequently, should always be tested (possibly at different treatment levels, temperatures, and/or time intervals) to verify performance prior to use. Normal dosage ranges from 0.2% to 1.0%, based on the weight of the formulation, is recommended.

Storage/handling:
Always mix prior to use as the product tends to separate slightly
Mix product and retest for quality after one year from the date of manufacture.
The minimum shelf life in closed containers is 12 months from the date of manufacture.
Refer to Material Safety Data Sheet for additional handling information.

Packaging:
US - Drums holding 399 lbs/181 kg net or pails holding 38 lbs/17 kg net
EU – Drums holding 276 lbs/125 kg net or pails holding 55 lbs/25 kg net

Our technical suggestions are based on data from many experiments and cannot represent a warranty of any kind as to their performance in other formulations. Customers must always verify our product’s performance in their own systems. This technical data sheet replaces all previous issues.