TECHNICAL INFORMATION

Defoamer for aqueous systems

Composition: Blend of hydrophobic silica and polyoxyalkylene technology

Appearance: liquid

Colour: translucent, straw-colored

Typical Properties:
- Active ingredients: approx. 98.5%
- Consistency: approx. 2,000 - 5,000 mPas/cps
- Density at 20°C: approx. 8.50 lbs/gal
- Emulsifiable: Slight
- pH (2% in dist. water): approx. 7.4

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: DEE FO PI-547 is a universal oil free product designed for use in many industries including PVOH adhesives, high solids content coatings and printing ink. Aqueous ink systems include flexible film, OPV and metallic.

Main applications:
- PVOH adhesives
- High solids coatings
- Envelope printing inks
- Film and foil printing inks
- Metallic printing inks
- OPV formulations

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. A starting dosage level of 0.1% to 0.6%, based on the weight of the formulation, is recommended.

Storage/handling: Always mix prior to use as the product tends to separate slightly
For best results, store between 10°C (50°F) and 40°C (104°F)
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: Drums holding 460 lbs/ 209 kg net or 5 gallon pail holding 37 lbs/ 17 kg net.