PERFORMANCE Chemicals, LLC

Technical Information

S-007

- **S-007** Is a nonionic defoamer consisting of highly refined mineral oils with additives to provide antifoaming properties.
- **S-007** is compatible with most standard acrylics and latexes and will not cause cratering and fisheyes.
- **S-007** for use in solvent-based high solids systems and systems based upon alkyds. It has excellent persistence and will not separate. The product is designed to be easy to use and provide economical control of foam in many paint and coating system including water-based acrylics and epoxies where re-coating and intercoat adhesion is not adversly affected.

TYPICAL PHYSICAL PROPERTIES

PROPERTY	VALUE	UNIT
APPEARANCE:	Opaque tan liquid	-
ODOR:	Mild odor	-
VISCOSITY @ 25°C:	40	**CPS Brookfield**
pH (1% EMULSION):	7.0	-
SOLUBILITY IN H_2O:	Dispersible	-
SPECIFIC GRAVITY:	0.862	**g/ml**
POUR POINT:	Approx. -10	**°C**
FLASH POINT:	174	**°F**

***NOTE:** Typical properties are not suitable for specification purposes.

APPLICATIONS :

- Latex coatings and paints
- Overprint varnishes for graphic arts
- Inks (gravure and flexographic)
- Adhesives/glues
- Alkyd Paints
- Epoxies

ADDITIONAL INFORMATION:

Normal dosage ranges from 0.10 to 0.20% of **S-007** based upon formula weight of proposed mixture. For inks, **S-007** is normally used at a rate of 0.05 to 0.2% based on the formula weight. It can be added to the pigment grind to control entrained air and aid in the overall wetting of the pigment during the grinding. For adhesives and glues, **S-007** is normally used at a rate of 0.02 to 0.2% based on the formula weight. For waste water/effluent treatment, **S-007** is used at a rate of 0.05 to 0.9% based on the weight of flow.

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