

Technical Information

1105 SI

- **1105 SI** Is a nonionic defoamer consisting of highly refined mineral oils with additives to provide antifoaming properties.
- **1105 SI** is compatible with most standard acrylics and latexes and will not cause cratering and fisheyes.
- **1105 SI** for use in 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.

TYPICAL PHYSICAL PROPERTIES

PROPERTY	VALUE	UNIT
APPEARANCE:	Clear Opaque	-
ODOR:	Mild odor	-
VISCOSITY @ 25°C:	10-100	CPS Brookfield
SOLUBILITY IN H ₂ O:	Dispersible	-
SPECIFIC GRAVITY:	0.95	g/ml
POUR POINT:	Approx. -10	°C
FLASH POINT:	177	°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 0.50 to 1.00% of 1105 SI based upon formula weight of proposed mixture. For inks, 1105 SI 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, 1105 SI is normally used at a rate of 0.02 to 0.2% based on the formula weight.

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