GENESEE POLYMERS CORPORATION

Product Information

GP-219 SILICONE POLYOL COPOLYMER

Genesee Polymers' *GP-219 SILICONE POLYOL COPOLYMER* is a 100% active polyoxyethylene modified dimethylpolysiloxane block copolymer.

***GP-219* is not water soluble because of the low content of polyoxyethylene in the copolymer. The indicated value of HLB (Hydrophile/Lipophile Balance) of 8.4 suggests use of *GP-219* as an emulsifier for water in oil emulsions (w/o), or as a pigment dispersant for thermoplastics or solvent-based coatings.**

***GP-219 SILICONE POLYOL COPOLYMER* contains no reactive functional groups and is chemically inert. The silicone and polyoxyethylene block polymer components of *GP-219* are joined through Silicon to Carbon bonds, insuring resistance to breakdown through hydrolysis.**

TYPICAL PROPERTIES	
Appearance	Clear, Colorless to Straw Liquid
Viscosity, 77° F	440 cSt
Flash Point (P.M.C.C.)	>300° F
Weight/Gallon	8.4 lbs.
Specific Gravity	1.1
% Active	100%
% Silicone	58%
Molecular Weight	6,500 (Calculated)
Polyol Type	Polyoxyethylene (EO)
Solubility in Water	Insoluble
Freezing Point	65° F

APPLICATIONS
Pigment Dispersant
Wetting Agent
Thread Lubricant
Leveling and Flow Control Agent
Emulsifier (w/o)

SPECIAL FEATURES
Chemically Inert
Non-Hydrolyzable

PROCESSING AND SAFETY GUIDELINES

GP-219 SILICONE POLYOL COPOLYMER **has a very low order of toxicity, but should still be handled with all precautions common to the use of any industrial chemical product.**

Consult Safety Data Sheet for additional details.

PACKAGING/HANDLING/STORAGE

GP-219 SILICONE POLYOL COPOLYMER **is supplied in 5-gallon (40 lbs.) pails, 55-gallon (460 lbs.) drums and 330-gallon (2760 lbs.) totes.**

Moisture Sensitive. Keep containers tightly sealed. Store below 100° F.

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