



Product Information

GP-1009 SILICONE POLYOL COPOLYMER

Genesee Polymers' *GP-1009 SILICONE POLYOL COPOLYMER* is a 100% active polyoxyethylene modified dimethylpolysiloxane block copolymer.

GP-1009 is dispersible in water at 1%, but is not water-soluble. GP-1009 is resistant to breakdown by hydrolysis due to the presence of stable $\equiv \text{Si} - \text{C} \equiv$ bonds between silicone and polyol block sections.

GP-1009 SILICONE POLYOL COPOLYMER is recommended for use as a wetting agent to reduce surface tension in inks, polishes and hard surface cleaners. Additionally, *GP-1009* may be used as a dispersing agent for the incorporation of clays, pigments and other powders in water.

TYPICAL PROPERTIES	
Appearance	Clear, Colorless to Straw Liquid
Weight/Gallon	8.5 lbs.
Viscosity, 77° F	250 cSt
Flash Point (P.M.C.C.)	>300° F
Specific Gravity	1.03
% Active	100%
% Silicone	50%
Molecular Weight	6,725 (Calculated)
Polyol Type	Polyoxyethylene (EO)
Solubility in Water	Dispersible

INNOVATIVE POLYMER TECHNOLOGY

APPLICATIONS

Pigment Dispersant

Wetting Agent

Thread Lubricant

Leveling and Flow Control Agent

Profoaming Additive (Aqueous Systems)

SPECIAL FEATURES

Low Surface Tension

Water Dispersible

Non-Hydrolyzable

PROCESSING AND SAFETY GUIDELINES

GP-1009 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-1009 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.



www.gpcsilicones.com

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