



Product Information

GP-209 SILICONE POLYOL COPOLYMER

GeneSee Polymers' *GP-209 SILICONE POLYOL COPOLYMER* is a 100% active non-ionic silicone polyol block copolymer.

GP-209 contains polyoxyethylene-polyoxypropylene copolymer blocks and dimethyl silicone polymer blocks, which are joined through non-hydrolyzable silicon to carbon bonds.

GP-209 SILICONE POLYOL COPOLYMER is designed to function as an emulsifier, wetting agent and profoaming additive for a variety of applications including: polyurethane foams, hard surface cleaners and polishes, and cosmetic formulations. *GP-209* exhibits inverse solubility versus temperature characteristics, becoming insoluble in water as temperature is increased to approximately 40° C (104° F). This property suggests use as a defoamer for hot aqueous surfactant solutions.

GP-209 SILICONE POLYOL COPOLYMER contains no functional groups and is chemically inert, and essentially non-toxic.

INNOVATIVE POLYMER TECHNOLOGY

TYPICAL PROPERTIES	
Appearance	Clear to Slightly Hazy, Colorless to Amber Liquid
Weight/Gallon	8.5 lbs
Viscosity 77° F	1000 cSt
Flash Point (P.M.C.C.)	>300° F
Specific Gravity	1.05
% Active	100%
% Silicone	15%
Molecular Weight	7,800 (Calculated)
Polyol Type	Polyoxyethylene-Polyoxypropylene (EO/PO)
Solubility in Water	Soluble (Up to Approximately 40° C)
Freezing Point	-50° F

APPLICATIONS
Pigment Dispersant
Glass Cleaner Ingredient
Wetting Agent
Shampoo Additive
Thread Lubricant
Polyurethane Foam (Cell Control Agent)
Leveling and Flow Control Agent
Profoaming Additive (Aqueous Systems)



SPECIAL FEATURES
Low Surface Tension
Water Soluble
Non-Hydrolyzable
Low Freeze Point

PROCESSING AND SAFETY GUIDELINES

GP-209 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.

For additional information refer to Safety Data Sheet.

PACKAGING/HANDLING/STORAGE

GP-209 SILICONE POLYOL COPOLYMER is supplied in 5-gallon (40 lbs.) pails, 55-gallon (465 lbs.) drums and 330-gallon (2790 lbs.) totes.

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



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