



Product Information

GP-905 SILICONE POLYOL COPOLYMER

Genesee Polymers' *GP-905 SILICONE POLYOL COPOLYMER* is a 100% active polypropylene oxide modified dimethylpolysiloxane block copolymer, which is designed to improve the quality and performance of solvent-based, baked-on industrial finishes. The combination of polysiloxane and polypropylene oxide segments provides excellent lubricity and low surface tension, which improves the wetting, leveling and flow of solvent-based coatings.

GP-905 is also recommended for evaluation in polyurethane foam systems - as a profoamer additive. Other applications include textile and thread lubricants, internal lubricant for plastics and base material for aqueous defoaming agents.

GP-905 SILICONE POLYOL COPOLYMER contains $\equiv \text{Si} - \text{O} - \text{C} \equiv$ bonds between silicone and polyol blocks and may be affected by hydrolysis in some aqueous systems.

TYPICAL PROPERTIES	
Appearance	Clear to Hazy, Colorless to Light Amber Liquid
Viscosity at 77° F	500 cP
Flash Point (P.M.C.C.)	>300° F
Weight/Gallon	8.0 lbs.
Specific Gravity	1.0
% Active	100%
% Silicone	35%
Molecular Weight	5,200 (Calculated)
Polyol Type	Polyoxypropylene (PO)
Solubility	Aliphatic & Aromatic Hydrocarbons, Chlorinated Hydrocarbons and Alcohols
Solubility in Water	Insoluble

INNOVATIVE POLYMER TECHNOLOGY

APPLICATIONS

Thread Lubricant
Pigment Dispersant
Wetting Agent-Solvent Systems
Leveling & Flow Control Agent-Solvent Coatings
Urethane Bubble Release Additive (Coatings)
Release Agent
Antifoam-Aqueous Systems
Polyurethane Foam Additive (Profoamer)

SPECIAL FEATURES

Low Surface Tension
Excellent Lubricity
Thermal Stability

PROCESSING AND SAFETY GUIDELINES

Genesee Polymers' *GP-905 SILICONE POLYOL COPOLYMER* has been formulated to be compatible with solvent based coatings and adhesives.

GP-905 should be handled with all of the precautions required in handling any industrial chemical product. Consult the Safety Data Sheet for additional details.

PACKAGING/HANDLING/STORAGE

GP-905 SILICONE POLYOL COPOLYMER is supplied in 5-gallon (40 lbs.) pails, 55-gallon (440 lbs.) drums and 330-gallon (2640 lbs.) totes.

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



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