



Product Information

GP-217 SILICONE POLYOL COPOLYMER

Genesee Polymers' *GP-217 SILICONE POLYOL COPOLYMER* is a 100% active polyoxyethylene modified dimethylpolysiloxane block copolymer.

GP-217 is water-soluble and resistant to breakdowns by hydrolysis due to the presence of stable $\text{Si} - \text{C} \equiv$ bonds between silicone and polyol block sections.

GP-217 SILICONE POLYOL COPOLYMER is recommended for use as a wetting agent or emulsifier in water-based coatings, inks, polishes and hard surface cleaners. Additionally, *GP-217* may be used as a dispersing agent for the incorporation of clays, pigments and other powders in water.

| TYPICAL PROPERTIES | |
|------------------------|--|
| Appearance (25° C) | Clear, Colorless to Amber Liquid @ 25° C |
| Weight/Gallon | 8.00 lbs. |
| Viscosity, 77° F | 200 cSt |
| Flash Point (P.M.C.C.) | >300° F |
| Specific Gravity | 1.06 |
| % Active | 100% |
| % Silicone | 33% |
| Molecular Weight | 3,800 (Calculated) |
| Polyol Type | Polyoxyethylene (EO) |
| Solubility in Water | Soluble (Up to Approximately 57°C) |
| Freezing Point | 65° F |

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-217 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-217 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 containers tightly sealed. Store below 100° F.



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