



Product Information

GP-214 SILICONE POLYOL COPOLYMER

Genesee Polymers' *GP-214 SILICONE POLYOL COPOLYMER* is a high molecular weight copolymer of silicone and polyol blocks, which is designed to act as a surface active agent in both aqueous and non-aqueous systems.

GP-214 contains polyoxyethylene-polyoxypropylene copolymer adducts to a polydimethylsiloxane backbone, with silicone to polyol segments joined by non-hydrolyzable silicon to carbon bonds.

GP-214 SILICONE POLYOL COPOLYMER is dispersible in water and shows solubility or dispersibility in a wide range of hydrocarbon and chlorinated hydrocarbon solvents.

GP-214 is recommended for evaluation as a profoaming additive in plastisol and organosol formulations and in polyether type polyurethane foams.

GP-214 SILICONE POLYOL COPOLYMER contains no functional groups and is chemically inert, and with a low degree of toxicity.

| TYPICAL PROPERTIES | |
|------------------------|--|
| Appearance | Clear to Hazy, Straw Liquid |
| Weight/Gallon | 8.5 lbs. |
| Viscosity, 77° F | 6000 cSt |
| Flash Point (P.M.C.C.) | >200° F |
| Specific Gravity | 1.03 |
| % Active | 100% |
| % Silicone | 31% |
| Molecular Weight | 11,500 (Calculated) |
| Polyol Type | Polyoxyethylene-Polyoxypropylene (EO/PO) |
| Solubility in Water | Dispersible |
| Freezing Point | -50° F |

INNOVATIVE POLYMER TECHNOLOGY

APPLICATIONS

Pigment Dispersant

Wetting Agent

Internal Lubricant (Plastics)

Thread Lubricant

Polyurethane Foam (Cell Control Agent)

Leveling and Flow Control Agent (Solvent Coatings)

SPECIAL FEATURES

High Viscosity

Non-Hydrolyzable

Low Freeze Point

PROCESSING AND SAFETY GUIDELINES

GP-214 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-214 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.



www.gpcsilicones.com

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