



Product Information

GP-179 SILICONE RESIN

Genesee Polymers' *GP-179 SILICONE RESIN* is a 100% active ethoxy-functional methyl silicone resin, which is suggested for evaluation, as a reactive intermediate, in the synthesis of silicone-organic copolymers for protective coatings.

GP-179 will slowly undergo hydrolysis and condensation to a cured resin film when exposed to atmospheric moisture, providing a water repellent protective coating for wood, masonry and metal substrates.

When required, *GP-179 SILICONE RESIN* may be diluted with aliphatic or aromatic hydrocarbon solvents, or with dry alcohols, esters or other solvents.

TYPICAL PROPERTIES	
Appearance	Opaque, Straw Color Liquid
Weight/Gallon	9.0 lbs.
Viscosity (25° C)	300 cP
Flash Point (P.M.C.C.)	191° F
Specific Gravity	1.10
Silicone Resin Content	100%
Ethoxy Content	44% (weight)
Combining Weight Average	102.25

INNOVATIVE POLYMER TECHNOLOGY

APPLICATIONS

Masonry Water Repellents
Silicone Polyester Copolymer Synthesis
Protective Coatings
Mold Release Agents
Filler Treatments (Hydrophobic Surface)

SPECIAL FEATURES

High Ethoxy Content
Stable (In Closed Containers)
Moisture Curable

PROCESSING AND SAFETY GUIDELINES

GP-179 SILICONE RESIN is combustible (ethyl alcohol is released on contact with atmospheric moisture) and must be handled with all precautions common to handling combustible materials. Use only in well ventilated areas designated for combustible materials handling, and avoid any prolonged exposure to solvent vapors. Make sure no sources of ignition are present.

Consult Safety Data Sheet for additional details.

PACKAGING/HANDLING/STORAGE

GP-179 SILICONE RESIN is available in 5-gallon (45 lbs.) pails, 55-gallon (500 lbs.) drums and 330-gallon (2900 lbs.) totes.

Do not store the product near fire or open flames. Do not use torches or any open flames on drums, even when empty, because of a possible explosion hazard. Product is moisture sensitive.



www.gpcsilicones.com

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