



Product Information

GP-422 SILICONE RESIN SOLUTION

Genesee Polymers' *GP-422 SILICONE RESIN SOLUTION* is a concentrated mixture of a reactive, further curable silicone resin in an octamethylcyclotetrasiloxane carrier. *GP-422* forms a continuous solid resin film, when applied to substrates and allowed to air dry. Curing to a solvent resistant coating takes place over a prolonged time period at room temperature, but may be accelerated by heating at 200° C for one hour.

GP-422 is suggested for use as a binder in coatings intended for application to substrates exposed to high temperatures, and as a component of masonry water-repellent formulations.

TYPICAL PROPERTIES	
Appearance	Clear to Hazy, Colorless to Straw Liquid
Weight/Gallon	8.9 lbs.
Flash Point (P.M.C.C.)	88° F
Specific Gravity	1.07
Diluent	Decamethylcyclopentasiloxane (D5)
Solvent Content	25%
Silicone Resin Content	75%

INNOVATIVE POLYMER TECHNOLOGY

APPLICATIONS
Paint Additive (Improve Weathering)
Water Repellent Formulations
Binder in High Temperature Paints
Protective Coatings

SPECIAL FEATURES
Forms Continuous Films (Room Temperature)
Good Water Repellency

PROCESSING AND SAFETY GUIDELINES

GP-422 SILICONE RESIN SOLUTION should be mixed prior to use to insure homogeneity. Refer to Safety Data Sheet for safety requirements. Flammable Liquid. Keep away from heat, sparks and open flame. Use proper precautions when curing by heating to prevent potentially explosive combinations of flammable volatiles and air.

PACKAGING/HANDLING/STORAGE

GP-422 is supplied in 5-gallon (45 lbs.) pails, 55-gallon (490 lbs.) drums and 330-gallon (2940 lbs.) totes. Do not store above 100° F.



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