



Product Information

GP-146 SILICONE FLUID

Genesee Polymers' *GP-146 SILICONE FLUID* is a 100% active silicone polymer designed for release agent applications. *GP-146* is a silicone product that does not break down at molding temperatures or form carbonaceous residues on the mold.

TYPICAL PROPERTIES	
Appearance	Clear, Colorless Liquid
Weight/Gallon	8.0 lbs.
Viscosity @ 25° C	325 cSt
Flash Point (P.M.C.C.)	>300° F
Specific Gravity	0.97
Base Equivalent*	0.011

*Milliequivalents of base per gram of fluid

INNOVATIVE POLYMER TECHNOLOGY

APPLICATIONS
Rubber Molding
Plastic Molding
Urethane Molding
Textile Lubricants
Epoxy Release

SPECIAL FEATURES
Multiple Release
Rapid Cure
Clean Molds
Moisture Curable

PROCESSING AND SAFETY GUIDELINES

For optimum efficiency, *GP-146 SILICONE FLUID* should be diluted with solvent before application to molds. This helps insure that over application of release agents is avoided. Dilution solvents include aliphatic, aromatic and chlorinated solvents (water-free.) Recommended application methods include brushing, swabbing, spraying and dipping.

The silicone polymer used to formulate *GP-146 SILICONE FLUID*, as with many release agents, can cause painting and adhesion problems if over applied, or if not properly cleaned from molded parts before finishing operations. If preliminary tests show that finishing problems may result from the use of *GP-146*, wash parts with solvent or detergent and rinse with clean water before painting or adhesive bonding.

PACKAGING/HANDLING/STORAGE

GP-146 SILICONE FLUID is supplied in 5-gallon (40 lbs.) pails, 55-gallon (440 lbs.) drums and 330-gallon (2640 lbs.) totes. To insure stability, containers must be kept tightly sealed when not in use. *GP-146* reacts with moisture. When the product is transferred from an original container, be sure it is kept free from water.



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