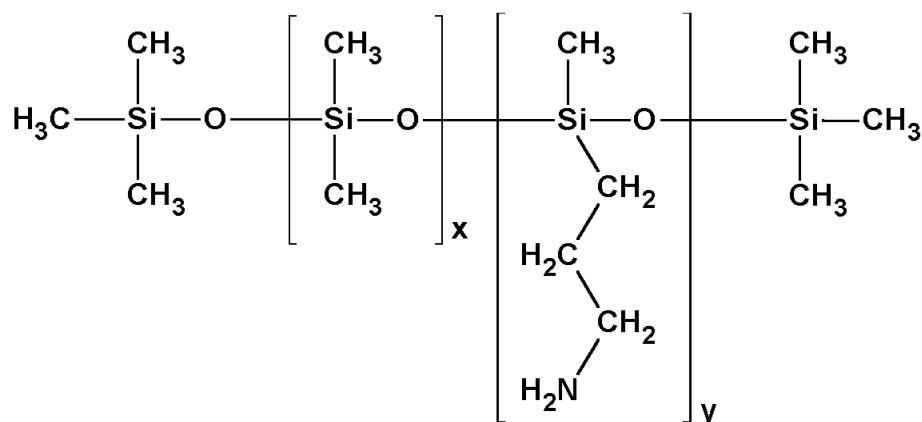




Product Information

GP-6 SILICONE FLUID

Genesee Polymers' *GP-6 SILICONE FLUID* is an amine functional silicone polymer with the following structure where $x = 100$ and $y = 4$:



The amine-alkyl functionality of *GP-6* provides a versatile reaction site for the synthesis of a variety of functional silicone polymers and silicone-organic copolymers.

The polar amine groups in *GP-6 SILICONE FLUID* also demonstrate high affinity for many substrates, suggesting use of *GP-6* in textile lubricants, plastic and rubber release and lubrication, and in car polish formulations.

GP-6 SILICONE FLUID is compatible with dimethyl silicone fluids, and with aliphatic, aromatic and chlorinated solvents.

TYPICAL PROPERTIES	
Appearance	Clear, Colorless to Light Straw Liquid
Weight/Gallon	8.0 lbs.
Flash Point (P.M.C.C.)	>200° F
Refractive Index	1.4111
Specific Gravity	0.98
Viscosity	275 cP
% Active	100%
Amine Number*	49

*Number of mls. of 0.1 Normal HCl needed to neutralize 10.0 grams of GP-6.

APPLICATIONS
Internal Plastic Mold Release
Rust Inhibitor Coatings
Detergent Resistant Car Polishes
Silicone - Organic Copolymer Synthesis

SPECIAL FEATURES
High Amine-Alkyl Functionality
Stable Indefinitely in Closed Containers
Good Heat Stability

PROCESSING AND SAFETY GUIDELINES

Genesee Polymers' *GP-6 SILICONE FLUID* is an alkaline material due to its amine reactive groups. Care should be exercised in handling *GP-6* to prevent contact with skin or eyes. Wear safety glasses with side shields and rubber gloves when handling. Consult Safety Data Sheet for additional details.

PACKAGING/HANDLING/STORAGE

GP-6 SILICONE FLUID 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.



www.gpcsilicones.com

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