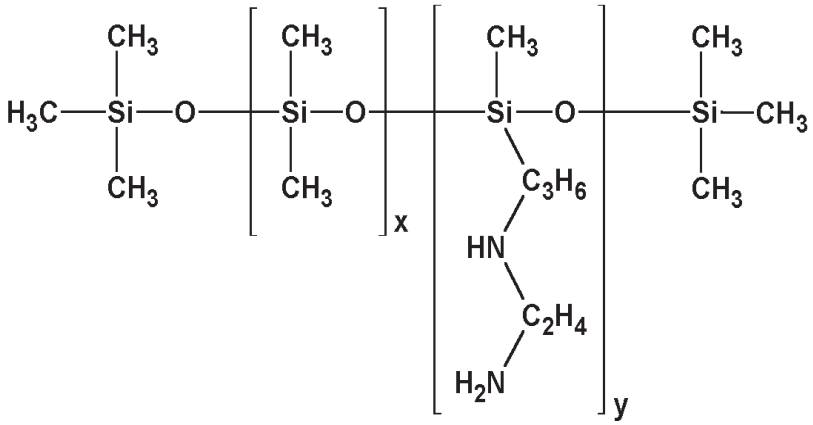
GENESEE POLYMERS CORPORATION

Product Information

GP-988-1 SILICONE FLUID

Genesee Polymers' *GP-988-1 SILICONE FLUID* is an amine functional silicone polymer with the following structure where the siloxane units are randomly arranged: x = 95 and y = 5:



The amine-alkyl functionality of *GP-988-1 SILICONE FLUID* provides a versatile reaction site for the synthesis of a wide variety of silicone/organic copolymers, which may be tailored for use in textiles, coatings, car polishes and many other applications. The presence of polar amine groups also gives greater affinity to many substrates, suggesting uses of *GP-988-1* in lubricant, coating and mold release formulations.

GP-988-1 SILICONE FLUID is compatible with dimethyl silicone fluids and with aliphatic, aromatic and chlorinated hydrocarbon solvents.

TYPICAL PROPERTIES	
Appearance	Clear to Hazy, Colorless to Straw Liquid
Weight/Gallon	8.0 lbs.
Molecular Weight	8,000 (Calculated)
Viscosity	200-300 cPs
Flash Point (P.M.C.C.)	>300° F
Refractive Index	1.4170
Specific Gravity	1.0
% Active	100%
Amine Number*	130

*Number of mls. 0.1 N HCl needed to neutralize 10.0 gms. of *GP-988-1*

APPLICATIONS
Silicone - Organic Copolymer Synthesis
Rubber and Plastic Mold Release
Internal Mold Release
Detergent Resistant Car Polishes

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

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PROCESSING AND SAFETY GUIDELINES

Genesee Polymers' *GP-988-1 SILICONE FLUID* is an alkaline material because of its amine content. Care should be exercised in handling to prevent contact with skin or eyes. Wear safety glasses with side shields and rubber gloves when handling. When used in spray applications, avoid breathing vapors. Consult Safety Data Sheet for additional details.

PACKAGING/HANDLING/STORAGE

GP-988-1 SILICONE FLUID is supplied in 5-gallon (40 lbs.) pails, 55-gallon (440 lbs.) drums and 330-gallon (2640 lbs.) totes.

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www.gpcsilicones.com