

GP-907 SILICONE FLUID

Genesee Polymers' *GP-907 SILICONE FLUID* is a vinyl end-blocked silicone polymer with the following structure where x = 270:

$$\begin{array}{c|c} \mathsf{CH_3} & \mathsf{CH_3} \\ \mathsf{H_2C=CH-Si-O} & \mathsf{Si-O} \\ \mathsf{CH_3} & \mathsf{CH_3} \\ \mathsf{CH_3} & \mathsf{CH_3} \\ \mathsf{CH_3} & \mathsf{CH_3} \\ \end{array}$$

The vinyl functionality of *GP-907 SILICONE FLUID* provides a reactive site for cross-linking by ultraviolet or heat accelerated free radical cross-linking reactions.

GP-907 is compatible with dimethyl silicone fluids and with aliphatic solvents.

| TYPICAL PROPERTIES | |
|------------------------|-------------------------|
| Appearance | Clear, Colorless Liquid |
| Weight/Gallon | 8.0 lbs. |
| Flash Point (P.M.C.C.) | >300° F |
| Refractive Index | 1.4079 |
| Specific Gravity | 0.98 |
| % Active | 100% |
| Molecular Weight | 20,000 (Calculated) |
| Viscosity | 1,000 cSt |
| Wt. % Vinyl | 0.30 |

APPLICATIONS

Heat or Radiation Cure Coatings

Silicone - Organic Copolymer Synthesis

PROCESSING AND SAFETY GUIDELINES

Genesee Polymers' *GP-907 SILICONE FLUID* contains a low level of vinyl groups. Care should be exercised in handling *GP-907* 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-907 SILICONE FLUID is supplied in 5-gallon (40 lbs.) pails, 55-gallon (440 lbs.) drums and 330-gallon (2640 lbs.) totes.

Moisture Sensitive. Keep away from heat, sparks and open flames. Keep containers tightly closed, under adequate ventilation.



www.gpcsilicones.com

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