



Product Information

GP-451 SILICONE EMULSION

GeneSee Polymers' *GP-451 SILICONE EMULSION* is a cationic type, water based release agent containing 50% by weight of a modified dimethyl silicone fluid. *GP-451* is recommended where a higher level of release performance is required than is possible with conventional silicone emulsions.

GP-451 SILICONE EMULSION is compounded to provide exceptional stability both as a concentrate and at all dilution levels with hard or soft water. The use of cationic emulsifiers gives better active ingredient deposition on many surfaces that is obtainable with non-ionic or anionic emulsions.

TYPICAL PROPERTIES	
Appearance	White, Opaque Liquid
Wt./Gallon	8.0 lbs.
Specific Gravity	0.99
% Silicone	50% (Wt.)
Emulsifier Type	Cationic
Organic Solvents	None

INNOVATIVE POLYMER TECHNOLOGY

APPLICATIONS
Rubber Release
Plastic Release
Foundry Castings
Metal Castings

SPECIAL FEATURES
Fine Particle Size Emulsion
Dilutable in Hard or Soft Water
Multiple Releases
Cationic Emulsifier System

PROCESSING AND SAFETY GUIDELINES

Cationic emulsions should not be mixed with anionic stabilized emulsions or dispersions, since instability may result. *GP-451 SILICONE EMULSION* may be applied by spraying, swabbing or dipping. If contacted with eyes, flush with water. For additional safety information, refer to Safety Data Sheet.

PACKAGING/HANDLING/STORAGE

GP-451 SILICONE EMULSION is available in 5-gallon (40 lbs.) pails, 55-gallon (440 lbs.) drums and 330-gallon (2640 lbs.) totes. Do not freeze. Do not store above 100° F.



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