



Product Information

GP-713 SILICONE EMULSION

Genesee Polymers' *GP-713 SILICONE EMULSION* is intended for use as a gypsum board sizing agent. Treatment of the top ply with diluted GP-713 provides a cured siloxane intercoat which improves bonding of the gypsum core and paper, as well as intra-ply paper strength.

GP-713 treatment also improves water repellency of finished gypsum board, allowing use in exterior applications where moisture or high humidity conditions exist.

GP-713 SILICONE EMULSION contains a curable, modified silicone copolymer, along with non-ionic surfactants in a stable oil in water type emulsion. Both the concentrate and dilutions in water at various concentrations show excellent stability.

TYPICAL PROPERTIES	
Appearance	Opaque, White Liquid
Emulsion Type	Non-Ionic
Silicone Content	40%
Carrier	Water
Diluent	Water
Specific Gravity	1.0

INNOVATIVE POLYMER TECHNOLOGY

APPLICATIONS

GP-713 is formulated to impart good water repellency on gypsum paper when diluted to 0.5 to 0.8 percent solids, from as supplied approximately 44% solids. Application to paper should be at 1 to 2 lbs solids per 100,000 square feet. Coating methods on paper may include flooding, spraying or rolling.

Curing of applied coatings may be accelerated by heating or by the addition of suitable catalysts such as zirconium acetate.

PROCESSING AND SAFETY GUIDELINES

Avoid contact with skin and eyes. Refer to Safety Data Sheet for safety precautions.

PACKAGING/HANDLING/STORAGE

GP-713 SILICONE EMULSION is supplied 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.



www.gpcsilicones.com

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