



## Product Information

### GP-955 SILICONE WAX EMULSION

Genesee Polymers' *GP-955 SILICONE WAX EMULSION* is a 30% solids emulsion of a novel silicone wax copolymer product. The silicone wax component forms a colorless, dry film on substrates and is recommended for evaluation as a lubricant, water repellent, and anti-blocking agent.

*GP-955* is a stable emulsion of silicone wax in a water carrier and may be readily diluted with hard or soft water. The silicone wax component of *GP-955* contains no dimethyl silicone and will not cause orange peel, fisheyes, or similar effects associated with conventional silicones.

TYPICAL PROPERTIES	
Appearance	White Opaque Liquid
Weight/Gallon	8.0 lbs.
Specific Gravity	0.95
Total Solids	30%
Solvent Content	None
Type Emulsifier	Non-Ionic
Carrier	Water
pH	9.0

**INNOVATIVE POLYMER TECHNOLOGY**

## APPLICATIONS

<b>Rubber Industry</b>	<b>Release Agent</b> <b>Green Rubber De-tackifier</b> <b>Band Ply Lubricant Lubricity Additive</b> <b>Mandrel Lubricant</b>
<b>Plastics Industry</b>	<b>Release Agent</b> <b>Internal Lubricant and Mold Release Agent for Rubber Latex (Molding and Dipping)</b>
<b>Paper Industry</b>	<b>Anti-blocking</b> <b>Paperboard Ice Release</b>
<b>Construction Industry</b>	<b>Gypsum Board Water Repellent</b>
<b>Consumer Industry</b>	<b>Floor Polish Additive</b>
<b>Textile Industry</b>	<b>Release Agent</b> <b>Water Repellent</b> <b>Thread Lubricant</b> <b>Fiber Lubricant</b>
<b>Printing Inks</b>	<b>Release Agent – Aqueous Systems</b> <b>Water Repellent</b> <b>Anti-blocking</b>
<b>Candle Industry</b>	<b>Internal Release Agent</b>
<b>Glass Bottle Molding</b>	<b>Improve Surface Lubricity, Reduce Scratching During Filling</b>
<b>Aluminum Production Grinding</b>	<b>Lubricate Sliding Surfaces During Extruding, Deep Drawing and Cutting or Grinding</b>
<b>Machine Shop</b>	<b>Lubricate Cutting Tools, Taps, Drills etc.</b> <b>Impart Rust Protection by Formation of Wax-like Film</b>



## SPECIAL FEATURES

**Stable Emulsion**

**Able to be Diluted in Hard or Soft Water**

**Dries to a Continuous Wax Film**

**Acts as a Rust Protective Coating**

**Unique Silicone Wax Polymer Provides Excellent Metal on Metal Lubrication**

**Acts as a Rubber and Plastic Mold Release Agent and Lubricant**

**Acts as an Anti-blocking Coating when Applied to Uncured Rubber Products**

## PROCESSING AND SAFETY GUIDELINES

*GP-955 SILICONE WAX EMULSION* should be mixed gently prior to use to insure uniformity. *GP-955* may be used as is, or after dilution with water - depending on the particular use. Dilutions may be made by simple mixing with water, with order of addition not important. Very dilute mixtures require the addition of bactericides if long-term storage is intended.

*GP-955* may also be mixed with a variety of other water-based coatings, emulsions and latices. For safety requirements, refer to Safety Data Sheet.

## PACKAGING/HANDLING/STORAGE

*GP-955 SILICONE WAX EMULSION* is supplied in 5-gallon (40 lbs.) pails, 55-gallon (440 lbs.) drums and 330-gallon (2640 lbs.) totes. Protect from freezing and store below 100° F.



[www.gpcsilicones.com](http://www.gpcsilicones.com)

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