



## 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><br><b>Green Rubber De-tackifier</b><br><b>Band Ply Lubricant Lubricity Additive</b><br><b>Mandrel Lubricant</b> |
| <b>Plastics Industry</b>            | <b>Release Agent</b><br><b>Internal Lubricant and Mold Release Agent for Rubber Latex (Molding and Dipping)</b>                      |
| <b>Paper Industry</b>               | <b>Anti-blocking</b><br><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><br><b>Water Repellent</b><br><b>Thread Lubricant</b><br><b>Fiber Lubricant</b>                                  |
| <b>Printing Inks</b>                | <b>Release Agent – Aqueous Systems</b><br><b>Water Repellent</b><br><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><br><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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