



Product Information

GP-7105-E SILICONE EMULSION

Genesee Polymers' *GP-7105-E SILICONE EMULSION* is a 40% silicone solids emulsion of a unique amine functional silicone wax copolymer. In contrast to conventional silicone plus wax blends, which are used in car polish formulations, the silicone component of *GP-7105-E* is a true copolymer of wax and silicone components, which are grafted together. The grafting of these two normally incompatible materials provides a high degree of gloss, detergent resistance and weather resistance.

GP-7105-E belongs to a new class of vinyl and rubber conditioners containing no free dimethyl silicone fluid.

GP-7105-E SILICONE EMULSION contains non-ionic emulsifiers and may be diluted with hard or soft water to any dilution ratio required. Recommended dilution can be found under processing and safety guidelines.

TYPICAL PROPERTIES	
Appearance	White, Opaque Liquid
Weight/Gallon	8.0 lbs.
Specific Gravity	0.95
Carrier	Water
Solvent	Aliphatic Hydrocarbons (minor amount)
Emulsifier Type	Non-ionic
Silicone Solids	40%
pH	10.0

INNOVATIVE POLYMER TECHNOLOGY

APPLICATIONS

Car Polish Formulations
Vinyl and Leather Surface Treatments
Cosmetic Dressing for Rubber (Tires, etc.)
Textile Lubricants
Filler Treatments
Water Repellents

SPECIAL FEATURES

High Gloss
Dry, Non-Tack Surface
Excellent Detergent Resistance
Smudge Resistance
No Wash-Off onto Windows
Excellent Dilution Stability
Excellent Storage Stability

PROCESSING AND SAFETY GUIDELINES

Suggested starting formulation for *GP-7105-E* in a pump spray vinyl and rubber conditioner.

INGREDIENTS % WEIGHT

Part A	GP-7105-E	45%
Part B	Water	55%
	Perfume	trace
	Preservative	trace

- (1) Combine the ingredients in Part B until homogeneous.
- (2) Slowly add Part B to Part A with mixing until uniform.

GP-7105-E SILICONE EMULSION may be diluted with hard or soft water. For safety requirements consult Safety Data Sheet.

PACKAGING/HANDLING/STORAGE

GP-7105-E 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.



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