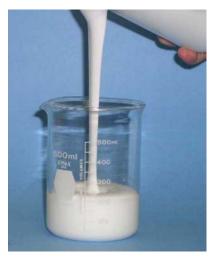




SE60 Rubber & Plastic Lubricant (water-based)

60% Active Silicone: to dilute, simply add water



SE60 Rubber & Plastic Lubricant is a waterbased silicone that is formulated to lubricate plastic and rubber parts. It contains no solvents and can be used on hot surfaces.

SE60 Rubber and Plastic Lubricant is a water-based silicone that is formulated to lubricate rubber and plastic parts.

Unlike other rubber/plastic lubricants, **SE60 Rubber and Plastic Lubricant** contains no solvents or petroleum distillates. Rather, SE60 is a silicone emulsion that is comprised of 60% active silicone which can be diluted by simply adding water. One (1) gallon can make ten (10) gallons of finished product by simply adding water.

With no solvents present, SE60 is a non-flammable and preferred for use on hot surfaces or where an ignition source is present.

For lubricating plastic and rubber parts/components, there is no better choice than a silicone-based product. The active ingredient of SE60 Rubber & Plastic Lubricant is Polydimethylsiloxane Silicone. Unlike conventional petroleum and glycol-based products, silicone fluids are compatible with virtually all plastic and rubber materials including EPDM, Neoprene, Natural Rubber, Teflon, virgin, Butyl, Nitrile, Styrene Butadiene, Buna-N, PVC, LDPE, HDPE.

Although silicones are not recommended for metal-to-metal applications, they are strongly recommended for metal-to-plastic and metal-to-rubber applications.

Further, **SE60 Rubber and Plastic Lubricant** is exempt from federal VOC regulations including California CARB and OTC regulations.

Features

- 60% Silicone Solids
- NonylPhenol Free!!
- Non-Flammable
- Excellent Lubricity
- Stable at High Temperatures
- Concentrated to save you money
- VOC and OTC Compliant
- Skin Safe contains no solvents

Applications

Rubber Lubricant
Plastic Lubricant
Natural Rubber Lubricant
Epdm Lubricant
Natural Rubber Lubricant
Rubber Hose Lubricant
Polylethylene Lubricant
Cellophane Lubricant
Gasket Lubricant

Grommet Lubricant
O-Ring Lubricant
Rubber Tube Lubricant
Rubber Assembly Lubricant
Polyethylene Lubricant
Saran Lubricant
Pilofilm Lubricant
Rubber Belt Lubricant
Vinyl Lubricant

Typical Properties

	
Product code	SE60-2012
Emulsifier Type	Nonionic
Silicone Content	60% Polydimethylsiloxane
Viscosity of Silicone	350cSt
Specific Gravity	0.99
Color	White
Diluent	Water
Storage	12 months
*Recommended Dilution Ratio	1-Part Concentrate to 9 parts water = 6 % silicone solids in finished product.

^{*}Some applications may require different ratio of Silicone to water.

Packaging

1-gallon	8lb / 3.6kg
1-gallon	
5-gallon pail	40lbs / 18kg
55-gallon fiber drum	450 lbs / 204kg
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F O B. Phila	PA U.S.A.

For More Information, Contact: Clearco Products Co., Inc.

Bensalem, PA 19020 U.S.A.

Tel: 215 639-2640 Fax: 215 639-2919

Email: <u>info@clearcoproducts.com</u>
Web: <u>www.clearcoproducts.com</u>

CAS Information

Polydimethylsiloxane	63148-62-9
Water	
Ethoxylated Isoalcohols	78330-21-9
* Does Not contain nonyl-phenol content.	

Instructions for Use

A recommended dilution ratio is 9-parts water to 1-part concentrate which provides a 6% active final formulation. SE60-2012 Silicone Emulsion. can be applied by brushing, wiping or spraying.

Final Properties

Upon evaporation, the product will form a thin film of silicone oil.

Note: Although SE60-2012 Silicone Emulsion has a milky-white appearance, it will impart a clear-translucent film after the water evaporates.

Hard Water Dilution

Silicone emulsions are generally stable in hard water. However, should the water supply be of 200ppm hardness or higher, softened water or boiled condensate is recommended as a diluent. Dilution of the emulsion with water may result in the need for additional bacteriostat/fungistat to counteract possible microbial activity. It is recommended that each user evaluate the diluted emulsion before putting it into use. Depending on the specific applications and dilution level, it nay be necessary to use additioal bacteriostat/fungisitat in the diluted proudct.

Freeze/thaw Stability

Clearco SE60-2012 Silicone Emulsion is a Group II emulsion. If freezing has occurred, the recommended procedure is to thaw the emulsion completely before stirring. "Properly thawed" means that the emulsion has completely melted (at less than 66°C/150°F) to a liquid state before any agitation of the product is attempted. Once thawed and agitated, a sample should be taked from the container to observe its physical appearance as compared to the standard material.

It is recommended to take necessary precautions during transportation to prevent freezing.

Storage

The shelf-life of Clearco SE60-2012 Silicone Emulsion is approximately 12-months from date of shipment. It is recommended to store containers at temperatures between 4° C to 27° C (40° F to 80° F).



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