



## TECHNICAL DATA SHEET

### SUPER LUBE® O-RING SILICONE LUBRICANT

May 2018

#### PRODUCT DESCRIPTION:

Super Lube® O-Ring Silicone Lubricant is a non-curing silicone lubricant ideal for protecting and lubricating O-rings from damage by abrasion, pinching or cutting. It is waterproof and shields against moisture and other contaminants. It also helps to seat the O-ring properly, speeding up assembly operations and improving automated assembly.

Super Lube® O-Ring Silicone Lubricant is clean and clear in appearance and it is compatible with most plastics and rubbers. Lubricate the O-ring with Super Lube® O-Ring Silicone to extend the life of the O-Ring.

Super Lube® O-Ring Silicone Lubricant is a NSF registered Food Grade lubricant, rated H1 for incidental food contact. Meets former USDA (H1) guidelines.



#### FEATURES:

- ❖ Clean O-ring lubricant
- ❖ Clear O-ring fluid
- ❖ High dielectric strength
- ❖ Food grade and clean
- ❖ Seals out moisture
- ❖ Rubber preservative
- ❖ Lubricates most rubbers and plastics
- ❖ Wide temperature range
- ❖ Compatible with majority of rubber and plastic compounds.
- ❖ Environmentally friendly
- ❖ Biodegradable
- ❖ Kosher certified
- ❖ NSF Registered (H1), #156449

#### TYPICAL APPLICATIONS:

- ❖ O-rings – Static and dynamic
- ❖ Pneumatic systems
- ❖ Seals
- ❖ Pressure plug valves
- ❖ Water softener and faucet valves
- ❖ Pool pumps and filter seals
- ❖ Weather stripping
- ❖ Rubber gaskets
- ❖ Food processing equipment

#### PACKAGE SIZES:

Part No.	Description
56204	4 oz. Bottle



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PROPERTIES:

Test	Characteristic	Rating
Color:		Clear
Temperature Range:		-58°F to 392°F (-50°C to 200°C)
Viscosity 25°C		5,000
Viscosity/Temperature Coefficient:		.62
Specific Gravity @25°C:		.973
Pour Point:		-45°C
Lbs./Gallon:		8.12
Dielectric Strength 25°C, kV/mm:		18
DC Resistivity 25°C:		1 x 10 <sup>15</sup>
Dielectric Dissipation, Khz:		1 x 10 <sup>-4</sup>
Flashpoint:	Closed cup 300C	>300°C
Thermal Conductivity, W/m°C:		.16
Specific Heat Capacity 40°C to 200°C, J/g:		1.5
Refractive Index 25°C:		1.404
Surface Tension 25°C, mN/m:		21.1
Vapor Pressure 200°C:		1.33
Volume Expansion Coefficient 25°C to 100°C:		9.45 x 10 <sup>-4</sup>
Biodegradability:	CEC-L33-T82	50% degradability 28-35 days 60+% degradability in 56 days

DIRECTIONS:

- Clean surfaces.
- Apply evenly to surfaces.



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SHELF LIFE / WARRANTY:

Super Lube® products have a five (5) year recommended shelf life when stored in the original container and in reasonable ambient conditions. The warranty period is twenty-four (24) months from the date of purchase. For complete information visit [www.super-lube.com/what-is-the-shelf-life-ezp-320.html](http://www.super-lube.com/what-is-the-shelf-life-ezp-320.html).



See Safety Data Sheet (SDS) for further details regarding safe use of this product.



Made in USA

The information provided in this Technical Data Sheet including the recommendations for use and application of the product are based on our knowledge and experience of the product as of the date of this bulletin. The product can have a variety of different applications as well as differing application and working conditions in your environment that are beyond our control. Synco Chemical Corporation is, therefore not liable for the suitability of our product for the production processes and conditions in respect for which you use them, as well as the intended applications and results. We strongly recommend that you carry out your own prior trials to confirm such suitability of our product.

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