



## TECHNICAL DATA SHEET

SUPER LUBE® SILICONE LUBRICATING GREASE WITH SYNOLON® (PTFE) November 2019

### PRODUCT DESCRIPTION:

Super Lube® Silicone Lubricating Grease with Synolon® (PTFE) is a specially formulated non-curing silicone compound providing long life protection in a variety of applications. The addition of Synolon® (PTFE) micro-powders combine to form a premium lubricant that provides protection against friction, wear, rust, corrosion and exhibits excellent sound dampening properties.

Super Lube® Silicone Lubricating Grease with Synolon® (PTFE) is waterproof and protects against moisture and other contaminants.

Super Lube® Silicone Lubricating Grease with Synolon® (PTFE) is translucent white, clean and clear in appearance and exhibits excellent resistance to water washout and is compatible with most plastics and rubbers. It will not harden, dry out or melt.

Super Lube® Silicone Lubricating Grease is an NSF registered Food Grade lubricant, rated H1 for incidental food contact. Meets former USDA (H1) guidelines.



### FEATURES:

- |   |  |                                |
|---|--|--------------------------------|
| ❖ Excellent resistance to water washout | ❖ Excellent heat transfer efficiency                       | ❖ Seals out moisture           |
| ❖ Excellent sound dampening properties  | ❖ Viscosity stable   | ❖ Thick consistency            |
| ❖ Prevents rust and corrosion           | ❖ Thermally stable   | ❖ High dielectric strength     |
| ❖ Food grade and clean                  | ❖ Wide temperature range                                   | ❖ Environmentally friendly     |
|   | ❖ Compatible with majority of rubber and plastic compounds | ❖ Kosher certified             |
|   |  | ❖ NSF Registered (H1), #141974 |

### TYPICAL APPLICATIONS:

- |                        |                                  |                           |
|------------------------|----------------------------------|---------------------------|
| ❖ Sound dampening      | ❖ Rubber parts                   | ❖ Grommets                |
| ❖ Bushings and sleeves | ❖ Food processing equipment      | ❖ Locks                   |
| ❖ Plain bearings       | ❖ Treadmills, exercise equipment | ❖ Plastic parts and gears |
| ❖ Sealing rings        | ❖ Tools, mold release            | ❖ Control cables          |
| ❖ Metal to plastic     |                                  |                           |
| ❖ Plastic to plastic   |                                  |                           |



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PACKAGE SIZES:

Part No.	Description
92000	1 cc. Packet
92003	3 oz. Tube
92150	400 gram Cartridge
92016	400 gram Canister
92005	5 lb. Pail
92030	30 lb. Pail
92120	120 lb. Keg
92400	400 lb. Drum

PROPERTIES:

Test	Test Method	Rating
NLGI Grade:	ASTM D1092	2
Color:		Translucent white
Temperature Range:		-40°F to 500°F (-40°C to 260°C)
Viscosity (Base Oil) cSt @ 25°C:	ASTM D445	5000
Specific Gravity @ 25°C (77°F):	ASTM D1298	1.11
Penetration, Worked 60 strokes:	ASTM D217	265 – 295
Vapor Pressure @ 200°C (Pascal):		1.33
Dielectric Strength (Volts/mil, 50 mil gap):	CTM 0114	400
Oil Separation, 21 hrs. / 100°C:	ASTM D6184	0%
Evaporation Loss 22 hrs. @ 212°F (100°C)	ASTM D972	0.4%
Flash Point:	ASTM D92	>572°F (300°C)
Melting Point:		No Melt
Water Washout:	ASTM D1264	< 1%



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**DIRECTIONS:**

- Clean and dry area to be treated.
- Apply with a clean cloth, brush, sponge or finger.
- Remove excess.

**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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