

# JIT SILICONES +

## Silicone Lubricant - Food Grade

### Silicone Lubricant - Food Grade

- Primary features:
  - Prevents build up
  - Reduces friction & sticking
  - Protects against corrosion
  - Reduces clean-up time
  - FDA 21CFR compliant for use in food areas
  - Clear odorless liquid



#### Standard package sizes:

| ITEM # | SIZE          | NOTE         |
|--------|---------------|--------------|
| 20102  | 5 Gallon Pail | Plastic Pail |

#### Available from:

## JIT Silicones +

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# TECHNICAL DATA SHEET

## *Silicone Lubricant - Food Grade*

### FEATURES

- Highly water repellent
- High dielectric strength
- Low volatility
- Good thermal oxidation and chemical stability
- Service Temperature range from -73°C - 204°C (-70°F - 399°F)
- Odorless
- Adheres readily to dry metals, ceramics, rubber, plastics and insulating resins

### COMPOSITION

- Comparable to Dow Corning® 316

### APPLICATIONS

- Eliminates sugar build-ups and breakdowns when applied to filler tubes, Chrome plates and spray pumps
- Prevents food from sticking to conveyors, ovens, freezing trays, baking tins, knives, cooking coils, evaporators & other processing equipment
- lubricant/release agent in the manufacture of such food-packaging materials such as paper and paperboard
- Prevents sticking on chutes, bins, walls and surfaces.
- Keeps material moving and prevents adhesion of greases and oils.
- Lubricates surface of wood, metal, plastic, vinyl, rubber, leather etc.- eliminates squeaking
- Prevents jamming of equipment caused by glues, adhesives, waxes etc.
- Allows cellophane, saran and vinyl polyethylene to move freely over sprayed surfaces.

**Usable Life & Storage** -- When stored at or below 32°C (89.6°F), this product has a minimum usable life of 60 months from date of production.

**Handling & Safety Precautions** - See SDS Sheet

**Limited Warranty - Please Read Carefully** The information contained herein is offered in good faith and is believed to be accurate. However, Because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that JIT Silicones + (JIT) products are safe, effective, and fully satisfactory for the intended end use. Suggestions of use shall not be taken as inducements to infringe any patent.

JIT's sole warranty is that the product will meet the sales specifications in effect at the time of shipment. Your exclusive remedy for breach of such warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted. JIT SPECIFICALLY DISCLAIMS ANY OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY. JIT DISCLAIMS LIABILITY FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES.

*Silicone Lubricant - Food Grade* is a formulation of Food Grade Polydimethylsiloxane dispersed in a food grade isoparaffinic carrying agent. It is clear, colorless, odorless and compatible with the majority of plastic, paper, paperboard, rubber, metal and wood surfaces. *Silicone Lubricant -Food Grade* is formulated for use in food processing, food packaging, bottling, and canning applications. It is most widely applied via hand sprayer or power sprayer to impart a thin film of silicone on the surface.

*Silicone Lubricant -Food Grade* is used as a lubricant/release agent in the manufacture of such food-packaging materials such as paper and paperboard. Applications include the lubricant and release agent in the manufacturing of bathroom tissue, napkins, paper towels, paper plates, paper cups, plastic cups, plastic plates, ice cream containers etc.

### PROPERTIES:

|                              |   |
|------------------------------|---|
| <b>Isoparaffinic Solvent</b> | <b>CAS # 6472-48-9</b>                          |
| <b>Polydimehtylsiloxane</b>  | <b>CAS # 63148-62-9</b>                         |
| <b>Appearance</b>            | <b>clear odorless fluid, viscosity of water</b> |
| <b>Net Weight</b>            | <b>6.5lbs per gallon</b>                        |
| <b>Solubility</b>            | <b>Oil soluble, will not mix with water</b>     |
| <b>FDA Compliant</b>         | <b>21CFR specification</b>                      |

### Environmental Information:

- **RoHS Compliant**
- **Contains no propellants**
- **Contains no CFC's or ozone depleting chemicals**
- **Contains no ozone-depleting chemicals**
- **Contains no Acetone**
- **Contains no Hexane**

FDA 21 CFR 173.340 Defoaming Agent

FDA 21 CFR 175.105 Adhesives

FDA 21 CFR 175.300 Resinous and Polymeric Coatings

FDA 21 CFR 175.170 Components of Paper & Paperboard in Contact with Aqueous & Fatty Foods

FDA 21 CFR 175.180 Components of Paper & Paperboard in Contact with Dry Food

FDA 21 CFR 176.210 Defoaming Agent used in the Manufacture of Paper and Paperboard

FDA 21 CFR 177.1210 Closures with Sealing Gasket for Food Containers

FDA 21 CFR 178.3120 Animal Glue

### LIMITATIONS

Should not be applied to any surface to be painted or finished. Coatings may not adhere to the silicone-treated surfaces. This product is not tested, nor approved for medical or pharmaceutical uses.

### PACKAGING

Available in 5 gallon pails (40 lb)