

## DESCRIPTIVE FEATURES OF PARKER'S SUPER O-LUBE

10/1/2009

**Description:** Clear Dimethyl Siloxane Polymer

<b>Physical Data:</b>	Viscosity @ 77° F	100,000 centistokes
	Flash Point:	Open Cup > 610° F
	Pour Point:	-33° F
	Specific Gravity @ 77° F:	0.98
	Viscosity Temperature Coefficients:	0.61
	Coefficient of Expansion (cc/cc/°c):	0.00096
	Refractive Index @ 77° F:	1.4037
	Volatility (% wt. loss .24 hours @ 302° F):	< 2%
	Boiling Point:	>300° F
	Vapor Pressure:	< 5 mmHg
	Solubility in Water	< 0.1%

**Solvents:** Amyl acetate, benzene, carbon tetrachloride, chloroethene NU, cyclohexane, diesel fuel, ethylene dichloride, ethyl ether, 2-ethyl hexanol, gasoline, hexyl ether, methylene chloride, methyl ether, mineral seal oil, naphtha VM+P, perchloroethylene, stoddard solvent, toluene, trichloroethylene, turpentine, xylene, JP-4 jet fuel, kerosene.

**Non-Solvents:** Cyclohexanol, dimethylphthalate, dodecanol, Dowanol DE, Dowanol EE, ethylene glycol, methanol, paraffin oil, propylene glycol, water.

**Please note: solvents and non-solvents are listed here for the purposes of application compatibility and clean-up. These chemicals are NOT present in Parker Super-O-Lube.**

**PARKER SUPER O-LUBE  
MATERIAL SAFETY DATA SHEET**

*Required under USDL Safety and Health Regulations for Ship Repairing,  
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)*

10/1/2009

**Section I**

<b>Manufacturer's Name</b>	Parker Hannifin Corp., O-Ring Division
<b>Emergency Telephone No.</b>	(859) 269-2351
<b>Address</b>	2360 Palumbo Drive, PO Box 11751, Lexington, KY 40512
<b>Trade Name and Synonyms</b>	Super O-Lube
<b>Chemical Family</b>	Clear Polysiloxane Polymer

**Section II - Hazardous Ingredients**

**Hazardous Mixture of Other Liquids, Solids, or Gasses**

None Present  
NFPA (HMIS) Code: Health-1, Flammability-0, Reactivity-0  
CAS#: 63148-62-9

All ingredients are listed on the TSCA Chemical Substances Inventory.

**Section III - Physical Data**

<b>Boiling Point (°F)</b>	Above 300
<b>Specific Gravity</b>	.98
<b>Vapor Pressure</b>	below 5 mmHG
<b>Percent, Volatile by Volume (%)</b>	N/A
<b>Vapor Density (Air=1)</b>	N/A
<b>Evaporation Rate</b>	Below 1.0
<b>Solubility in Water</b>	Less than 0.1%
<b>Appearance and Odor</b>	Liquid, clear and very little color

**Section IV - Fire and Explosion Hazard Data**

<b>Flash Point (Method Used)</b>	Open Cup > 610° F
<b>Flammable Limits</b>	N/A    Le : N/A    Ue: N/A
<b>Extinguishing Media</b>	Carbon dioxide, or foam
<b>Special Fire Fighting Procedure</b>	Self contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals.
<b>Unusual Fire and Explosion Hazards:</b>	None known.

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### Section V - Health Hazard Data

Threshold Limit Value	
Effects on Overexposure	May cause temporary eye discomfort due to over exposure.
Emergency & First Aid Procedure	Flush with water.
D.O.T. Hazard Name/ID no.:	None
RCRA Hazard Class:	None
E.P.A. Priority Pollutants:	None
NFPA (HMIS) Code:	115

### Section VI - Reactivity Data

Stability	Stable
Conditions to Avoid	N/A
Incompatibility (Materials to avoid)	Strong Oxidizers
Hazardous Decomposition Product	Carbon Monoxide - Carbon Dioxide and various hydrocarbons
Hazardous Polymerization	Will not occur.

### Section VII - Spill or Leak Procedures

Steps to be taken in case material is released or spilled	Use absorbent material to collect and contain for salvage or disposal.
Waste Disposal Method	Land fill or burned in accordance with local regulation.

### Section VIII - Special Protection Information

Respiratory Protection ( <i>Specify type</i> )	N/A
Ventilation	Local Exhaust: N/A
	Special: N/A
	Mechanical: Recommended
	Other: N/A
Protective Gloves	Recommended.
Eye Protection	Safety Glasses.
Other Protective Gear	N/A

### Section IX- Special Precautions

Precautions to Be taken in Handling and Storing	Normal precautions.
Other Precautions	At elevated temperatures, this product is sensitive to contamination. If this product becomes contaminated with strong acids, bases, some metallic compounds, or oxidizing agents, the flash point and viscosity may change and should be redetermined.

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