

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

Date: 7/13/2004

Description: Clear Dimethyl Siloxane Polymer

Physical Data:	Viscosity @ 77° F	100,000 centistokes
	Flash Point:	Open Cup > 620° 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, chlorothene 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)*

7/13/2004

Section I

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

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

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)	610°(Open Cup)
Flammable Limits	N/A Le: N/A Ue: N/A
Extinguishing Media	Carbon dioxide, or foam
Special Fire Fighting Procedure	Self contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals.
Unusual Fire and Explosion Hazards:	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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