

1) Product Identification: HeatLink® #79951 & 79952 (*Polysi Technologies OSC-222*)

Product Use: *o-ring lubricant*

Manufacturer: Polysi Technologies, inc. 1057 Jaycox Rd. Avon, OH 44011	Emergency Phone: 440-937-7777
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Transportation of Dangerous Goods Classification:
Non-hazardous

2) Ingredients:

Chemical Name:	Cas#	TLV (mg/m ³)	LD50(mg/kg)
<i>Dimethyl Polysiloxane</i>	63148-62-9 %Range - (85-95)		
<i>Silicon Dioxide</i>	112945-52-5 %Range - (5-15)		

3) Physical Data:

Physical state <i>liquid</i>	Freezing point.....(°C) <i>N/D</i>
Odour threshold <i>N/D</i>	Boiling point(°C) <i>>300</i>
Specific gravity <i>1.03</i>	Vapour pressure <i><5 mm Hg @ 25°C</i>
Density..... <i>N/D</i>	Vapour density.....(<i>air=1</i>) <i>>1</i>
pH <i>neutral</i>	Evaporation rate(<i>butyl acetate=1</i>) <i>N/D</i>
Solubility in water <i>insoluble</i>	Coeff. of water/oil..... <i>N/D</i>
Appearance and odour <i>translucent paste</i>	Volatile Organic Compound... <i><1.5%</i>

4) Fire and Explosion Hazard Data:

Health Hazard: 1

Flammability Hazard: 0

Reactivity Hazard: 0

Estimated HMIS Code: 100B

Extinguishing media: Water ✓ Foam ✓ CO₂ ✓

Other: *dry chemical*

Special procedures:

Flash point: > 200°F

Hazardous combustion products:

Carbon Dioxide, Carbon Monoxide, Silicon Dioxide

Explosive Limits: *unknown*

5) Reactivity Data:

Stability (normal conditions) stable ✓ unstable

Incompatibility: (materials to avoid)

Strong acids and oxidizing materials

Hazardous decomposition products:

Hazardous polymerization will not occur.

8) First Aid Measures:

Skin Contact:

Contact with skin causes no known irritation. Wash contacted areas with soap and water.

Eye Contact:

Contact with eyes may cause redness. Flush eyes with copious amounts of water for 15 minutes. If irritation persists contact a physician.

Ingestion:

If ingested seek prompt medical attention. Do not induce vomiting.

9) Other Information:

None.

10) Preparation Information

Prepared by:

HeatLink Group Inc.

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N/D - no data **N/A - not applicable** **N/E - not established** **< - less** **> - greater**
A = oral rat LD50 **B = oral rat LD low** **C = oral LD50/LD low other animal**
D = estimated 1000 **E = arbitrary 2000** **F = other route prefix** **C = ceiling limit**

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