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Material Safety Data Sheet

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I. Product

Product Name: **PST-444**
Product Type: Silicone Grease

OSHA Components

<u>CAS #</u>	<u>WT % Range</u>	<u>Component</u>
004485125	22	Lithium Sterate
033204761	<.1	2,6-cis-Diphenylhexamethyl cyclotetrasiloxane
010448096	<.1	Phenylheptamethyl cyclotetrasiloxane

III. Effects of Overexposure

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

Skin: Contact with skin causes no know irritation. Wash contacted areas with soap and water.

Ingestion: If ingested seek prompt medical attention.

Inhalation: No first aid should be needed.

IV. Protective Equipment For Handling

Eyes: Safety Goggles or Glasses
Skin: Wash prior to meals Gloves recommended but not required
Ventilation: Not Required

V. Handling and Storage

Handling: No special requirements
Storage: Store in temperatures below 100 F

VI. Transport Information

Class or Type: DOT and IATA: Non-Hazardous

VII. Spill and Disposal Procedures

Cleaning up Spills: Use absorbent material to collect and contain material for disposal

Recommendation of Disposal: Dispose in accordance with Federal, State and Local regulations

VIII. Reactivity Data

Stability: Stable
Hazardous Polymerization: Will Not Occur
Incompatibilities: Strong Acids and oxidizing materials

Product # **PST-444**

IX. Flammability

Flash Point:	> 213.98 F
Estimated HMIS Code:	100B
Health Hazard:	1
Flammability Hazard	0
Reactivity	0
Explosive Limits:	Unknown
Extinguishing Agents:	Carbon Dioxide or dry chemical (small fires), foam or water spray
Hazardous Products Formed: by Fire	Carbon Dioxide, carbon monoxide, silicon dioxide

X. Chemical and Physical Properties

Vapor Pressure	N/A
Vapor Density	N/A
Soluble in Water	Not Determined
Specific Gravity	1.10
Boiling Point:	N/A
Volatile Organic Compound %	N/A
pH	N/A
Appearance	Reddish Brown Grease

XI. Other Information

These data are offered in good faith as typical values and not as product specifications. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.

Prepared By: POLYSI TECHNOLOGIES, INC.