

# MATERIAL SAFETY DATA SHEET

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## **NFPA CODES**

Flammability	0
Reactivity	0
Health	1
Special	-

## **Section I - Product Identification**

**Product Name:** LZ11 Silicone Lubricant

**Product Type:** Grease

**Chemical Name and Synonyms:** Silicone Lubricant

**Formula/CAS No.:** Complex Blend

## **Section II - Hazardous Ingredients / Identity Information**

Component	CAS Number	%	EXPOSURE LIMITS
None present. This is not considered hazardous as defined by OSHA Hazard Communication Standard 29 CFR 1900.1200.			

## **Section III - Physical / Chemical Characteristics**

Boiling Point: N/A

Specific Gravity (H<sub>2</sub>O = 1): .98

Vapor Pressure (mm Hg.): @ 25°C, < 5 mm

Melting Point: None

Vapor Density (Air =1): N/A

Evaporation Rate (Butyl Acetate =1): N/A

Solubility in Water: <0.1

Appearance / Odor: Clear white/odorless

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

**Flash Point (COC):** 610°F      **Flammable Limits-LEL:** N/D      **UEL:** N/D

**Extinguishing Media:** Water fog, CO<sub>2</sub>, Dry Chemical, foam

**Special Fire Fighting Procedures:** Standard fireman's protection and self contained breathing apparatus. No other special fire fighting procedures.

**Unusual Fire and Explosion Hazards:** None Known

## **Section V - Reactivity Data**

**Stability:** Stable

**Conditions to Avoid:** None Known

**Incompatibility (materials to avoid):** Strong oxidizing materials

**Hazardous Decomposition Products:** Carbon dioxide, silicone dioxide

**Hazardous Polymerization:** Will not occur

## **Section VI - Health Hazard Data**

**Threshold Limit Value:** Not Established

**Carcinogens under OSHA, ACGIH, NTP, IARC:** This product contains no carcinogens in concentrations of 0.1 percent or greater.

**Signs and Symptoms of Overexposure:** Eye contact may cause temporary discomfort and redness, skin contact of 24 to 48 hours causes no known adverse effects, ingestion of small amounts transferred to the mouth by fingers during use should not injure – large amounts may cause digestive discomfort.

**Medical Conditions Generally Aggravated by Exposure:** skin disorders and allergies.

### **Emergency and First Aid Procedures:**

**Eyes:** Flush with water.

**Inhalation:** No first aid should be needed

**Ingestion:** Seek immediate medical attention. Never give anything by mouth to an unconscious person.

**Skin:** Promptly wash contacted area thoroughly with soap and water. If redness or irritation persists, seek medical attention. If spilled on clothing, remove and launder before reuse.

## **Section VII – Environmental Protection**

**Steps To Be Taken In Case Material is released or spilled:** Contain spill immediately. Spills should be picked up by using shovels, buckets or other means and placed in drums or other suitable containers. Comply with all Federal, State and Local Laws.

**Waste Disposal:** Incinerate in approved system, use approved landfill, or dispose of in accordance with local, state, and federal regulations.

### **Section VIII – Special Precautions**

**Precautions To Be Taken In Handling and Storage:** Keep containers sealed to avoid contamination.

**Other Precautions:** Use good housekeeping practices and clean up spills, promptly. Eye wash and safety shower should be in close proximity.

### **Section IX - Control Measures/Special Protection**

**Respiratory Protection:** None should be needed.

**Ventilation Type Required:** Natural ventilation should be provided.

**Protective Clothing:** Gloves: Synthetic or rubber gloves should be worn to avoid prolonged or repeated contact with the liquid. Eye Protection: Chemical safety goggles or face shield should be worn to avoid contact with the eyes.

**Other Protective Clothing or Equipment:** Impervious synthetic rubber boots and apron to prevent prolonged or repeated skin contact.

### **Section X – Transportation Data**

DOT Proper Shipping Name: Not regulated

### **Section XI - Regulatory Information**

This product is not subject to the reporting requirements of SARA Title III, Section 313.

All ingredients in this compound are on the TSCA inventory.

This document is prepared pursuant to the OSHA Hazard Communication Standard (29CFR1910.1200). The information herein is given in good faith, but no warranty, express or implied, is made. Consult Lubchem, Inc. For further information: 281-350-9600.

Abbreviations: N/A: Not Applicable N/D: Not Determined