

# MATERIAL SAFETY DATA SHEET

## SECTION 1 - PRODUCT IDENTIFICATION

**Product Name:** GRAPHITE POWDER  
**24 Hr Emergency Number:** Chem-Tel (800) 255-3924  
**Supplier's Name:** LUB-O-SEAL COMPANY, INC.  
**Chemical Family:** N/A  
**Supplier's Address:** Cypress, Texas 77433  
**Proper Shipping Name:** Grease Compound - NOI  
**Supplier's Phone Number:** (281) 373-0387  
**Date Prepared:** 06/01/99

### NPCA Hazardous Materials Identification System

Health	1
Flammability	1
Reactivity	0
Max. Personal Protection	B

## SECTION 2 - INGREDIENTS

CHEMICAL NAME	CAS NO.	ACGIH TLV
Synthetic Graphite	7782-42-5	10 mg/m <sup>3</sup> (c)
Silica	14808-60-7	.1 mg/m <sup>3</sup>

Respirable Dust c = The total dust containing less than 1% crystalline silica

## SECTION 3 - PHYSICAL DATA

**Boiling Range (F):** N/A  
**Vapor Pressure:** N/A  
**% Volatile:** N/A  
**Solubility in Water:** N/A  
**Physical Description:** Dark Grayish Black, No Odor  
**Specific Gravity:** 2.20 - 2.28  
**Vapor Density:** N/A  
**pH:** N/A  
**Evaporation Rate:** N/A

## SECTION 4 - FIRE & EXPLOSION DATA

**Flash Point (Method Used TCC):** N/A  
**Upper Explosive Limit:** N/A  
**Lower Explosive Limit:** N/A  
**Extinguishing Media:** Spray with water  
**Special Fire Fighting Procedures:** Fire may produce dense smoke, firefighters should wear self contained breathing apparatus  
**Unusual Fire & Explosion Hazards:** None. Material is a good electrical conductor.

## SECTION 5 - REACTIVITY DATA

**Stability:** Stable  
**Incompatibility (Materials to Avoid):** N/A  
**Hazardous Decomposition:** Carbon monoxide  
**Hazardous Polymerization:** Will not occur

## SECTION 6 - STORAGE & HANDLING INFORMATION

**Precautions to be taken:** Keep out of reach of children.  
Store in a cool, dry location.  
Do not store near open flame or sparks.  
Keep container closed during storage.  
For institutional use only.

## SECTION 7 - HEALTH HAZARDS

**Effects of Overexposure:** Cases of pulmonary fibrosis, emphysema and cor pulmonale may result from prolonged inhalation of dust (chronic). May cause redness of skin (acute). Silica has been identified as a suspected human carcinogen.  
**Primary Route of Entry:**  
**Skin:** Redness  
**Eyes:** Eye irritant. May cause redness, tearing and blurred vision  
**Inhalation:** Emphysema, Asthma  
**Ingestion:** May cause nausea, vomiting or diarrhea

**First Aid Procedures:**  
**Skin:** Wash with water and mild soap  
**Eyes:** Flush eyes with large quantities of water, holding eyelids open  
**Inhalation:** Move to fresh air  
**Ingestion:** Induce vomiting until vomit is clear. Seek medical attention

## SECTION 8 - SPECIAL PROTECTION INFORMATION

**Respiratory Information:** Use OSHA approved respirator for nuisance dust.  
**Protective Gloves:** Recommended  
**Other Protective Equipment:** N/A

**Ventilation:** Local exhaust to dust collector  
**Eye Protection:** Safety glasses

## SECTION 9 - SPILL OR LEAK PROCEDURES

**Steps to be taken in case Material is released or Spilled:**  
Contain the spill, Sweep, mop or otherwise absorb and hold for disposal

**Waste Disposal Method:**  
Any method in accordance with local applicable law