

MATERIAL SAFETY DATA SHEET

I. GENERAL INFORMATION

Chemical names and Synonyms: N.A.

Chemical Family: Mixture

Proper DOT Shipping Name: N.A.

Plate Brick Lube

Trade Name and Synonyms:

Formula: Graphite In Water

DOT Hazard Classification: N.A.

HMIS Rating: 0 0 0 B

II. INGREDIENTS

Hazardous Components	CAS Number	Percent	ACGIH - TLV	OSHA - PEL
Graphite	7782-42-5	26 - 27	2 mg/m ³	2.5 mg/m ³

III. PHYSICAL DATA

Boiling Point (°F): 212	Specific Gravity (H ₂ O = 1) 1.2
Vapor Pressure (mm Hg): 18 @ 20°C	Percent Volatile by Volume (%) 84
Vapor Density (Air = 1): 1.06	Evaporation Rate (Ethyl Ether = 1): Unknown
Solubility in Water: Miscible	pH 8 - 9
Appearance and Odor: Black Thick Liquid - No Odor	

IV. FIRE AND EXPLOSION HAZARD DATA

Flash Point (°F): NONE	Auto Ignition Temperature: NONE
Flammable Limits: NONE	LEL <u>N.A.</u> UEL <u>N.A.</u>
Extinguishing Media: N.A.	
Special Fire Fighting Procedures: NONE	
Unusual Fire & Explosion Hazards: NONE	

V. HEALTH HAZARD DATA

Threshold Limit Value: N.A. OSHA Threshold: N.A. ACGIH Threshold: N.A.

Carcinogen: NTP - NO IRAC - NO OSHA - NO

Symptoms of Exposure: Eye irritation on contact. May cause skin irritation in some sensitive individuals. Prolonged or repeated contact with the skin may cause dermatitis in some sensitive individuals.

Medical Conditions Aggravated by Exposure: Pre-existing skin disorders.

Primary Routes of Entry: Contact.

Emergency First Aid: Eyes - Immediately flush thoroughly with water for 15 minutes, get medical attention. Ingestion - No ill effects expected. Skin - Wash thoroughly with soap and water.

VI. REACTIVITY DATA

Stability: STABLE Conditions to Avoid: N.A.

Incompatibility (Materials to Avoid): Substances that react violently with water. Dry film may react vigorously with oxidizing agents.

Hazardous Polymerization: WILL NOT OCCUR Conditions to avoid: N.A.

Hazardous Decomposition Products: Oxides of Carbon.

VII. ENVIRONMENTAL PROTECTION PROCEDURES

Spill Response: Scoop up as much as possible, flush remainder with water or cover with an absorbent.

Waste Disposal Method: DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.

VIII. SPECIAL PROTECTION INFORMATION

Eye Protection: Safety glasses or Chemical goggles Skin Protection: Water resistant gloves

Respiratory Protection: Use mist mask when exposed to product mists Ventilation Recommended: Local

Other Protection: None

IX. SPECIAL PRECAUTIONS

Hygienic Practices In Handling And Storage: Wash thoroughly after use and before eating.

Precautions For Repair & Maintenance Of Contaminated Equipment: NONE.

Other Precautions: Keep from freezing.

Prepared by John H. Hattaway Date 10-6-97