

MATERIAL SAFETY DATA SHEET

COMPLIES WITH OSHA'S HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200)

SECTION I · PRODUCT IDENTIFICATION

Product Name: Dry Graphite Lubricant

Product Number: 962

Product Type: AEROSOL

Supplier's Name: Terand Industries, Inc.

Supplier's Address: P.O. Box 667770, Pompano Beach, FL 33066

D.O.T. Hazard Class: CONSUMER COMMODITY · ORM-D

Formula: Proprietary

Date Prepared: 12/28/07

Emergency Phone: (800) 535-5053

Information Phone: (954) 974-5440

HMIS Rating (Based on Aerosol Conc.):

0-Minimal 1- Slight 2- Moderate

3- Serious 4- Extreme

HEALTH: 1 FIRE: 4 REACTIVITY: 3

Personal Protection: G

SECTION II · INGREDIENTS

| CHEMICAL NAME | CAS # | %WT | 313/Chem | Skin | Carcinogen | PEL | TWA/TLV |
|-------------------|-----------|-------|----------|------|------------|-----------------------|---------------------|
| Acetone | 67-64-1 | 40-50 | NO | NO | NO | 1000 ppm | 750 ppm |
| Propane | 74-98-6 | 10-20 | NO | NO | NO | 1000 ppm | 1000 ppm |
| Isopropyl Alcohol | 67-63-0 | 10-20 | NO | NO | NO | 400 ppm | 400 ppm |
| n-Butane | 106-97-8 | 10-20 | NO | NO | NO | 800 ppm | 800 ppm |
| Toluene | 108-88-3 | 01-10 | YES | NO | NO | 200 ppm | 50 ppm |
| Graphite | 7782-42-5 | 01-10 | NO | NO | NO | 2.5 mg/m ³ | 2 mg/m ³ |

SECTION III · PHYSICAL DATA

Boiling Point: -47°F

pH: N/A

Solubility In Water: Partial

Appearance/Odor: Black Coating / Solvent Odor

Vapor Pressure @ 68°F: 40 PSI (2750 hPa)

Vapor Density (Air=1): >1

Specific Gravity (H₂O=1) @75°F: 0.77-0.90

VOC % by weight: 48.1%

VOC Content: 0.48 kg/l (4.01 lb/gal)

Solids Content: 3.0%

SECTION IV · FIRE AND EXPLOSION DATA

Flash Point: -2°F

Flammability (as per USA Flame Projection Test): Extremely Flammable Spray

Extinguishing Media: CO₂, Sand, Dry Media or Water Spray

Special Fire Fighting Procedures: Cool fire exposed containers to prevent rupturing. Fight larger fires with water spray or alcohol resistant foam.

Unusual Fire and Explosion Hazards: Exposure to temperature above 120°F may cause bursting.

SECTION V · REACTIVITY DATA

Stability: Material Stable.

Hazardous Polymerization: Will not occur.

Incompatibility: Avoid contact with strong oxidizing agents

Hazardous Decomposition Products: Carbon Dioxide, Carbon Monoxide.

SECTION VI · STORAGE AND HANDLING

KEEP OUT OF REACH OF CHILDREN.

For Industrial and Institutional use only.

Store in a cool, dry area away from heat or open flame.

Do not store at temperatures above 120°F.

NFPA Code 30B Rating: Level 3 Aerosol.

SECTION VII · HEALTH AND FIRST AID

PRIMARY ROUTES OF ENTRY & EFFECTS OF OVER EXPOSURE:

Eyes: Irritating effect.

Skin: Frequent or prolonged contact may cause irritation.

Inhalation: Inhalation of mist has a narcotizing effect and can cause irritation of nasal and respiratory passages. Abusive or excessive inhalation may cause irritation to the upper respiratory tract, dizziness, nausea and other central nervous system effects.

Ingestion: Can cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration of material into the lungs can cause chemical pneumonitis.

FIRST AID PROCEDURES:

Eyes: Flush with large amounts of cool running water for at least 15 minutes while holding upper and lower lids open. Seek medical attention.

Skin: Wash with soap and water. If irritation persists seek medical attention.

Inhalation: Remove to fresh air. Seek medical attention immediately. If breathing stops give artificial respiration.

Ingestion: Do not induce vomiting. Seek medical attention immediately.

SECTION VIII · SPECIAL PROTECTION DATA

Respiratory Protection: If ventilation is not adequate to reduce vapors below Threshold Limit Value (TLV) levels, use a NIOSH/MSHA approved air-purifying respirator equipped with an organic vapor cartridge.

Ventilation: Provide local exhaust to keep air concentrations of ingredients listed in Section II below established exposure limits.

Protective Gloves: Use chemical resistant gloves to help prevent skin contact.

Eye Protection: Always wear safety glasses or chemical proof goggles when working with chemicals.

SECTION IX · SPILL OR LEAK PROTECTION

STEPS TO BE TAKEN IN CASE OF SPILL OR LEAK: Allow propellant to evaporate. Maintain local exhaust and adequate ventilation. No smoking. Keep sparks, heat sources and open flame far away from spill or leak. Cover with absorbent material and sweep up. Wash area to prevent slipping. Dispose of soaked absorbent material in accordance with Federal, State and local laws.

WASTE DISPOSAL METHOD: Aerosol cans, when emptied and depressurized through normal use, pose no disposal hazard and should be recycled. Consult Federal, State and local authorities for approved procedures.

N/A= NOT APPLICABLE · N/E=NOT ESTABLISHED · N/D=NOT DETERMINED · <=LESS THAN · >=MORE THAN

NOTICE: The information contained on this Material Safety Data Sheet is considered accurate as of the date of publication. It is not necessarily all inclusive nor fully adequate in every circumstance. The suggestions should not be confused with, nor followed in violation of applicable laws, regulations, rules or insurance requirements. No warranty, express or implied, of merchantability, fitness, accuracy of data, or the results to be obtained from the use thereof is made. The vendor assumes no responsibility for injury or damages resulting from the inappropriate use of this product.