

MATERIAL SAFETY DATA SHEET
COMPLIES WITH OSHA'S HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200)

SECTION I · PRODUCT IDENTIFICATION

Product Name: Dry Moly Film Lubricant and Coating

Product Number: 2-954 Date Prepared: 11/29/07
Product Type: Bulk Liquid
Formula: Proprietary
Supplier's Name: Terand Industries, Inc. Information Phone: (954) 974-5440
Supplier's Address: P.O. Box 667770, Pompano Beach, FL 33066 Emergency Phone: (800) 535-5053
DOT Ship Description: Flammable Liquids, N.O.S. (acetone, heptane), 3, UN 1993, PGII

HMS Rating (Based on Aerosol Conc.):

0-Minimal 1-Slight 2-Moderate
3-Serious 4-Extreme

HEALTH:	2
FLAMMABILITY:	3
PHYSICAL HAZARD:	0
Personal Protection:	B

SECTION II · INGREDIENTS

<u>CHEMICAL NAME</u>	<u>CAS #</u>	<u>%WT</u>	<u>313/Chem</u>	<u>Skin</u>	<u>Carcinogen</u>	<u>PEL</u>	<u>TLV-TWA</u>
Acetone	67-64-1	30 - 40	NO	NO	NO	1000 ppm	500 ppm
Heptane, Branched, Cyclic, and Linear	426260-76-6	20 - 30	NO	NO	NO	500 ppm	400 ppm
Aliphatic Hydrocarbons	8052-41-3	1 - 10	NO	NO	NO	500 ppm	100 ppm
Toluene	108-88-3	1 - 10	YES	YES	NO	100 ppm	50 ppm
Isopropanol	67-63-0	1 - 10	NO	NO	NO	400 ppm	200 ppm
Molybdenum Disulfide	1317-33-5	1 - 10	NO	NO	NO	15 mg/m3	10 mg/m3

SECTION III · PHYSICAL DATA

Boiling Point: 135 °F Specific Gravity (H₂O=1)@70 °F: 0.85
pH: N/A Solubility In Water: negligible
Appearance/Odor: dark, gray liquid with solvent odor Vapor Density(Air=1): >1
Total VOC %: 45.57% Vapor Pressure (@72 °F): N/D

SECTION IV · FIRE AND EXPLOSION DATA

Flash Point (Conc.): 2 °F
Extinguishing Media: Foam, CO₂, Dry Media
Special Fire Fighting Procedures: Wear self-contained breathing apparatus and protective clothing. Cool fire exposed containers to prevent rupturing.
Unusual Fire and Explosion Hazards: Exposure to high temperatures in a fire situation may cause containers to rupture from gas generation. Flash back possible over considerable distance.

SECTION V · REACTIVITY DATA

Stability: Material Stable. Hazardous Polymerization: Will not Occur.
Incompatibility: Avoid contact with strong oxidizing agents.
Hazardous Decomposition Products: Material decomposed by fire may produce carbon dioxide, carbon monoxide, and sulfur oxides.

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.

SECTION VII · HEALTH AND FIRST AID

PRIMARY ROUTES OF ENTRY & EFFECTS OF OVER EXPOSURE:

Eyes: May cause moderate to severe eye irritation. Symptoms include stinging, tearing, redness, and blurred vision.
Skin: May cause mild to moderate irritation. Frequent or prolonged contact may dry and cause defatting of the skin and possibly dermatitis. Symptoms may include redness, burning, drying and cracking of skin, and even skin burns. Passage of this material through the skin is possible but it is unlikely to result in harmful effects during safe handling and use. May aggravate existing skin conditions.
Inhalation: Inhalation of vapor or mist can cause irritation of nasal and respiratory passages. Prolonged or repeated inhalation may cause headache, dizziness, nausea, muscle weakness, irregular heartbeat, rapid breathing, narcosis, unconsciousness, and other central nervous system effects, possibly including coma and death. Repeated overexposure may injure or cause damage to the liver, kidneys, and lungs.
Ingestion: Can cause gastrointestinal irritation, nausea, and vomiting. Aspiration of material into the lungs can cause lung inflammation and other lung injury.

FIRST AID PROCEDURES:

Eyes: Flush with large amounts of cool running water for at least 15 minutes while holding upper and lower lids open. If irritation persists get medical attention immediately.
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: None needed for proper use in accordance with label directions.
Ventilation: Provide local exhaust to keep vapor concentrations of ingredients listed in Section II below acceptable limits.
Protective Gloves: Use chemical resistant gloves if hand contact will be made.
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: Maintain local exhaust and adequate ventilation. No smoking. Keep sparks, heat sources and open flame far away from spill or leak. Cover with suitable 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: 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.