

**MATERIAL SAFETY DATA SHEET**

**EVERLUBE® PRODUCTS**  
**100 COOPER CIRCLE**  
**PEACHTREE CITY, GA 30269, USA**  
**770-261-4800 (DURING WORKING HOURS)**  
**CHEMTREC 1-800-424-9300**

SECTION I

IDENTITY (AS USED ON LABEL): Lubri-Bond® N Diluted (PLBND)  
CHEMICAL NAMES AND SYNONYMS: Conductive Air-Dry Solid Film Lubricant  
CHEMICAL FAMILY: Not applicable (10-610)  
FORMULA: Complex mixture  
DATE PREPARED: December 8, 2005  
INFORMATION OR EMERGENCY PHONE NO.: 770-261-4800  
PREPARED BY: CHEMICAL COMMUNICATIONS COORDINATOR  
EVERLUBE PRODUCTS, 100 COOPER CIRCLE, PEACHTREE CITY, GA 30269

HAZARDOUS MATERIALS IDENTIFICATION SYSTEM (HMIS)

HEALTH: 2  
FLAMMABILITY: 3  
REACTIVITY: 0  
SPECIAL NOTICE: -

SECTION II - HAZARDOUS COMPONENTS

CONCENTRATIONS

Xylene (CAS #1330-20-7)*		
ACGIH TLV:	100 ppm	
OSHA PEL:	100 ppm	
OSHA STEL:	655 mg/m <sup>3</sup>	<5%
Molybdenum Disulfided (CAS #1317-33-5)		
ACGIH TLV:	10 mg/m <sup>3</sup> as Mo	
OSHA PEL:	10 mg/m <sup>3</sup> as Mo	Trade Secret
Niobium Diselenid (CAS #12034-77-4)		
ACGIH TLV:	0.2 mg/m <sup>3</sup> (as Se)	
OSHA PEL:	0.2 mg/m <sup>3</sup> (as Se)	5-10%
Methyl Ethyl Ketone (CAS #78-93-3)*		
ACGIH TLV:	200 ppm	
OSHA PEL:	200 ppm	
OSHA STEL:	885 mg/m <sup>3</sup>	80-90%

\*This chemical is subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40CFR Part 327.

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: Not available  
Density (lb/gal): 7.8  
Vapor Pressure (mm Hg.): Not available  
Melting Point: Not available  
Vapor Density (AIR=1): Not available  
Evaporation Rate: Not available  
(Butyl Acetate = 1)  
Solubility in Water: Moderate  
Appearance and Odor: Gray/black liquid, organic solvent odor  
Volatile Organic Compound -  
VOC (grams/liter): 770

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): 24°F (T.C.C.)  
Flammable Limits:  
LEL - Not determined for product  
UEL - Not determined for product  
Extinguishing Media: CO<sub>2</sub>, Foam, Dry Chemical or Halon  
Special Fire Fighting Procedures:  
Wear self-contained breathing apparatus. Do not extinguish  
with water.  
Unusual Fire and Explosion Hazards:  
None

SECTION V - REACTIVITY DATA

Stability: Stable  
Conditions to Avoid: Open flame  
Incompatibility (Materials to Avoid):  
Strong oxidizing agents  
Hazardous Decomposition Products:  
Irritating and/or toxic fumes including CO, CO<sub>2</sub>, H<sub>2</sub>S, SO<sub>2</sub> and  
Selenium may be released.  
Hazardous Polymerization: None  
Conditions to Avoid: None

SECTION VI - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: Not determined for product, see Section II.  
Route(s) of Entry:  
Inhalation? Yes  
Skin? Yes  
Ingestion? Yes

## TOXICITY (ACUTE AND CHRONIC):

Xylene (CAS #1330-20-7) may cause severe eye irritation and moderate skin  
irritation.

CARCINOGENICITY: NTP-NO IARC-NO OSHA-NO

Molybdenum compounds may cause temporary irritation to eyes and skin  
CARCINOGENICITY: NTP-NO IARC-NO OSHA-NO

Niobium diselenide (CAS #12034-77-4) is a moderate eye and a severe skin irritant. It is moderately toxic by inhalation and intravenous routes. Chronic exposure to niobium diselenide has been found to cause kidney damage. It has also been found to be an experimental carcinogen. When heated to decomposition, toxic selenium fumes are released.

CARCINOGENICITY: NTP - NO IARC - NO OSHA - NO

Methyl Ethyl Ketone (CAS #78-93-3) is an eye and skin irritant, affects the nervous system, and is a teratogen in lab animals

CARCINOGENICITY: NTP-NO IARC-NO OSHA-NO

HEALTH HAZARDS:

- Eyes - can cause irritation, redness, blurred vision.
- Skin - prolonged contact can cause irritation, dermatitis.
- Inhalation - can cause irritation, dizziness, nausea, fatigue, headache and unconsciousness or asphyxiation.
- Ingestion - can cause gastrointestinal irritation, nausea, vomiting, and diarrhea.

EMERGENCY AND FIRST AID:

- Skin - wash with soap and water.
- Eyes - flush with copious amounts of water, get medical attention.
- Inhalation - remove to fresh air. If breathing is impaired, get medical attention.
- Ingestion - do not induce vomiting, keep warm, get medical attention.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps To Be Taken in Case Material is Released or Spilled:

- Clean spill with absorbent material
- Eliminate ignition sources
- Wear gloves, goggles and gas mask if TWA's are exceeded.

Waste Disposal Method:

- Dispose of waste in a chemical landfill as approved by current local, state and federal laws and regulations.

Precautions to be Taken in Handling and Storing:

- Protect from physical damage. Store in a cool, dry, ventilated area away from acids, alkalis and open flames.

Other Precautions:

None

SECTION VIII - CONTROL MEASURES

Respiratory Protection:

Use NIOSH approved organic respirator if TWA/TLV limits are exceeded.

Ventilation:

Local Exhaust - Use to maintain levels below TWA limits.

Mechanical - Use non sparking equipment.

Special: None

Other: None

Protective Gloves: Chemical resistant gloves

Eye Protection: Wear safety glasses or goggles

Other Protective Equipment or Practices:

None

**INFORMATION ON THIS FORM IS FURNISHED SOLELY FOR THE PURPOSE OF COMPLIANCE WITH OSHA'S HAZARD COMMUNICATION STANDARD, 29CFR 1910.1200 AND SHALL NOT BE USED FOR ANY OTHER PURPOSE.**

**(SIMILAR TO OSHA FORM 174)**