

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): Perma-Slik® T Aerosol (PPSTAE)
CHEMICAL NAMES AND SYNONYMS: Lubricant
CHEMICAL FAMILY: Not applicable.
FORMULA: Bonded Solid Film Lubricant
DATE PREPARED: October 31, 2002
INFORMATION OR EMERGENCY PHONE NO.: 770-261-4800
PREPARED BY: CHEMICAL COMMUNICATIONS COORDINATOR
Everlube Products, 100 COOPER CIRCLE, PEACHTREE CITY, GA 32069

HAZARDOUS MATERIALS IDENTIFICATION SYSTEM (HMIS)

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

SECTION II - HAZARDOUS COMPONENTS

CONCENTRATIONS

Ethanol (CAS #64-17-5)		
ACGIH TLV:	1000 ppm	
OSHA PEL:	1000 ppm	70-80%
P.M. Acetate (CAS #108-65-6)		
ACGIH TLV:	None established	
OSHA PEL:	None established	
MANUFACTURER'S RECOMMENDED EXPOSURE LIMIT:	100 ppm	1-5%
Polytetrafluoroethylene (PTFE) CAS (#9002-84-0)		
ACGIH TLV:	None established	
OSHA PEL:	None established	
MANUFACTURER'S RECOMMENDED EXPOSURE LIMIT:	10 mg/kg	1-5%
Organic Barium Compound (CAS #25619-56-1)		
ACGIH TLV:	No Listing	
OSHA PEL:	No Listing	1-5%
Liquified Petroleum Gas (LPG) (CAS #68476-86-8)		
ACGIH TLV:	1000 ppm	
OSHA PEL:	1000 ppm	
FLAMMABLE GAS		10-20%

*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 372.

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: Not available.
Density (lb/gal): 7.1 (less propellant)
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: Partial
Appearance and Odor: Milky liquid, organic solvent odor.
Volatile Organic Compound -
VOC (grams/liter): 780 (less propellant)

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): <0°F (T.C.C.)
Flammable Limits:
LEL - Not determined for product
UEL - Not determined for product
Extinguishing Media: CO₂, Foam, Dry Chemical or Halon
Special Fire Fighting Procedures:
None
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 carbon, sulfur, barium,
and fluorine compounds 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):

Ethanol (CAS #64-17-5) may cause severe eye irritation. Ethanol is reported to cause teratogenicity, CNS depression, gastrointestinal distress from oral consumption by humans.

CARCINOGENICITY: NPT-NO IARC-NO OSHA-NO

P.M. Acetate (CAS #108-65-6) has no adverse toxicity information available.
CARCINOGENICITY: NTP-NO IARC-NO OSHA-NO

PTFE (CAS #9002-84-0)dust may be irritating. Smoking should not be permitted in dusty areas.

CARCINOGENICITY: NTP-NO IARC-NO OSHA-NO

This organic barium compound (CAS #25619-56-1) has an oral LD50 (rat) of 3.5 ml/kg, an inhalation LC50 (rat) >21 ml/l and a dermal LD50 (rabbits) >2 ml/kg. It is a moderate skin and eye irritant.

CARCINOGENICITY: NTP-NO IARC-NO OSHA-NO

LPG (CAS #68476-86-8) is an asphyxiant.

CARCINOGENICITY: NPT-NO IARC-NO OSHA-NO

HEALTH HAZARDS:

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

EMERGENCY AND FIRST AID:

- Eyes - Flush with large amounts of water for at least 15 minutes, get medical attention.
- Skin - Wash with soap and water.
- 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 NIOSH-approved respiratory protection equipment if PEL(s) or TLV(s) are exceeded.

Waste Disposal Method:

Dispose of waste in accordance with 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 assigned PEL(s) or TLV(S).

Mechanical - Use explosion-proof equipment.

Special: None

Other: None

Protective Gloves: Chemical resistant gloves

Eye Protection: Wear safety glasses with side shields or goggles

Other Protective Equipment or Practices:

None

DISCLAIMER

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