

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): Everlube® 9700 (PEV9700)
CHEMICAL NAMES AND SYNONYMS: Waterbased Epoxy-Fluorocarbon (10-995)
CHEMICAL FAMILY: Not Applicable
FORMULA: Complex Mixture
DATE PREPARED: April 17, 2003
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: 1
FLAMMABILITY: 2
REACTIVITY: 0
SPECIAL NOTICE: -

SECTION II - HAZARDOUS COMPONENTS

CONCENTRATIONS

Dimethyl Ethanolamine (CAS #108-01-0)		
ACGIH TLV:	No Listing	
OSHA PEL:	No Listing	<5%
Butyl Cellosolve (CAS #111--76-2)		
ACGIH TLV:	25 ppm	
OSHA PEL:	25 ppm	5-10%
n-Butanol (CAS #71-36-3)		
ASGIH TLV:	50 ppm (Ceiling limits)	
OSHA PEL:	50 ppm (Ceiling limits)	5-10%
Water (CAS #7732-18-5)		
ACGIH TLV:	Not Established	
OSHA PEL:	Not Established	Trade Secret
Polytetrafluoroethylene (PTFE) (CAS #9002-84-0)		
ACGIH TLV:	No Listing	
OSHA PEL:	No Listing	
MANUFACTURER'S RECOMMENDED TLV:	10 mg/kg	Trade Secret

*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 Range: 134°-336°F
Density (lb/gal): 8.6
Vapor Pressure (mm Hg.): Not Available
Melting Point: Not Available
Vapor Density (AIR=1): >1.0
Evaporation Rate:
(Butyl Acetate = 1) Not Available
Solubility in Water: Complete
Appearance and Odor: Black liquid, slight solvent odor.
Volatile Organic Compound -
VOC (grams/liter): 413

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): 125°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 oxides of carbon, fluorine
compounds and complex hydrocarbons may be released.
Hazardous Polymerization: Will Not Occur
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):

Dimethyl ethanolamine (CAS #108-01-0) is a mild skin irritant and a severe eye irritant. The acute oral (rat) LD50 is 2 gm/kg, the acute inhalation (rat) LCLO is 4500 mg/m³ for 4 hour exposure and the acute dermal (rabbit) LD50 is 1370 mg/kg. There are no known chronic effects of overexposure.

CARCINOGENICITY: NTP - NO IARC - NO OSHA - NO

Butyl cellosolve (CAS #111-76-2) has dermal LD50 (guinea pigs) of 230 mg/kg and causes liver and kidney damage.

CARCINOGENICITY: NTP-NO IARC-NO OSHA

n-Butanol (CAS #71-36-3) solvent is an eye and skin irritant and has an oral (rat) LD50 of 790 mg/kg.

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-YES OSHA-NO
(Animal Positive)- (Human Indefinite)

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)