

EVERLUBE[®] PRODUCTS

SAFETY DATA SHEET

PERMA-SLIK RWAC
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1. IDENTIFICATION:

PRODUCT NAME: PERMA-SLIK RWAC
PRODUCT CODE: PPSRWAC
PRODUCT USE.: Low Friction Coating

HMIS CODES H F R P
2*3 0 G

Manufacturer:

EVERLUBE PRODUCTS
100 COOPER CIRCLE
PEACHTREE CITY, GA 30269

EMERGENCY PHONE (24 hours): CHEMTREC - 800-424-9300
INFORMATION PHONE (8:00 a.m - 5:00 p.m EST): (770) 261-4800
NAME OF PREPARER: CHEMICAL COMMUNICATIONS COORDINATOR
DATE PREPARED: 7/30/2019

2. HAZARDS IDENTIFICATION



CLASSIFICATION:

Highly Flammable Liquid and Vapors - Category 2
Aspiration Hazard - Category 1
Carcinogenicity - Category 2
Serious Eye Damage - Category 1
Reproductive Toxicity - Category 2
Skin Corrosion/Irritation - Category 2
Specific target organ toxicity, single exposure - Category 3

SIGNAL WORD:

DANGER

HAZARDS STATEMENTS:

H225-Highly flammable liquid and vapors
H304-May be fatal if swallowed and enters airways
H315-Causes skin irritation
H318-Causes serious eye damage.
H335-May cause respiratory irritation
H351-Suspected of causing cancer
H361-Suspected of damaging fertility or the unborn child.

PRECAUTIONARY STATEMENTS:

P202-Do not handle until all safety precautions have been read and understood.
P210-Keep away from heat/sparks/open flames/hot surfaces - No smoking
P242-Use only non-sparking tools.
P280-Wear protective gloves/eye protection/face protection.
P403-P233-Store in well-ventilated place. Keep container tightly closed.
P501-Dispose of contents/container in accordance with local/regional/national/regulation.

3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS#

% BY WT.

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TUNGSTEN DISULFIDE ACGIH TLV: 5 mg/m3 ACGIH TLV STEL: 10 mg/m3	12138-09-9	30% - 35%
1 BUTANOL TITANIUM LD50 ORAL RAT >2000 mg/kg bw LD50 DERMAL RAT 5300 mg/kg bw LC50 INHALATION RAT 20100 mg/l EC10 ALGAE 134 mg/l 96 hr EC50 DAPHNIA 1300 mg/l 48 hr EC50 ALGAE 225 mg/l 96 hr LC50 FISH 1825 mg/l 96 hr	9022-96-2	20% - 25%
HEPTANE ACGIH TWA 400 PPM (8-Hours) ACGIH STEL 500 PPM (15-Min) OSHA TWA 500 PPM (8-Hours) LD50 ORAL >15,000 mg/kr Rat LD50 INHALATION 103 mg/m3 4h Rat LD50 INHALATION 75 g/m3 2h Mouse LD50 DERMAL >2,000 mg/kg Rabbit	142-82-5	20% - 25%
VM&P NAPHTHA OSHA Z1 TWA 500 PPM OSHA Z1 TWA 2,000 mg/m3 OSHA P0 TWA 400 PPM OSHA PO TWA 1,600 mg/m3 LD 50 ORAL >5000 mg/kg (rat) LD50 DERMAL >2000 mg/kg (rabbit) LC50 FISH 8.2 mg/l 96h EC50 ACQUATIC INVERTEBRES 4.5 mg/l 48h EC50 ALGAE 3.7 mg/l 96h	64742-89-8	10% - 15%
ETHYL BENZENE ACGIH: 20 ppm TWA OSHA 100 ppm TWA; 435 mg/m3 TWA OSHA 125 ppm STEL; 545 mg/m3 STEL NIOSH 100 ppm TWA; 435 mg/m3 TWA NIOSH 125 ppm STEL; 545 mg/m3 STEL LD50 ORAL: 3500 mg/kg (rat) LC50 Inhalation 17.2 mg/l 4h (rat) LD50 Dermal 15354 mg/kg (rabbit) LC50 FISH: 11.0-18.0 mg/l 96 hr EC50 ALGAE 4.6 mg/l 72 hr EC50 DAPHNIA 18.-2.5 mg/l 48 hr	100-41-4	0% - 5%

4. First Aid Measures

Eyes:

With eyelids open, immediately flush eyes with lots of lukewarm water for at least 30 minutes. Get immediate medical assistance.

Skin:

Wash the skin thoroughly with plenty of water for at least 15 minutes, using a mild and non-abrasive soap. Cold water may be used.

Ingestion:

Never give anything by mouth if the victim is semi-conscious, unconscious, or convulsing.

Inhalation:

Evacuate to fresh air and administer artificial respiration if breathing stopped. Obtain medical aid.

5. Fire Fighting Measures

Flammable Properties:

Flash Point (Degree F): 15 F

Flash Point Method: CC

Explosive Limits:

Upper explosive limit: 7.0

Lower explosive limit: 0.9

Hazardous Combustion Products:

Carbon, Sulfur, or their compounds

Extinguishing Media:

CO2, foam, dry chemical or halon

Firefighting Procedures:

Fire-Fighters should wear self-contained breathing apparatus and full protective equipment.

Extinguish all nearby sources of ignition.

6. Accidental Release Measures

Small Spill:

Eliminate all sources of ignition, provide ventilation, contain spill, and absorb with inert absorbent.

Wear appropriate breathing apparatus (if applicable) and protective clothing.

Use only non-sparking tools and equipment.

Large Spill:

Remove by mechanical means and place in containers.

Use only non-sparking tools and equipment.

Environmental Precautions:

Prevent product or wash waters from entering the water system or sewers.

US regulations require reporting spills of this material that could reach any surface waters. In Canada, report to the applicable provincial environment ministry.

7. Handling and Storage

Handling:

Avoid breathing dust/fume/gas/mist/vapors/spray.

Do not get in eyes, on skin, or on clothing.

Wash contaminated clothing thoroughly after handling.

Wash skin thoroughly (with soap and water) after handling.

Storage:

Store in a cool, dry well ventilated place, away from incompatible materials.

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Store in a closed/sealed container.

8. Exposure Controls/Personal Protection

Airborne Exposure Limits:

Mixture, see section 3

Engineering Controls:

General mechanical ventilation or local exhaust should be suitable to keep vapor concentrations below the threshold limit values.

Use explosion-proof electrical/ventilating/lighting equipment.

Prevent the product or the wash waters from entering the water system or sewers.

Personal Protective Equipment:



Respiratory Protection:

In case of inadequate ventilation, wear respirator protection. Use NIOSH/MSHA approved Cartridge Respirator or Mask to keep airborne mists and concentrations below the time weighted threshold limit values.

Skin Protection:

Wear protective gloves (eg Neoprene or Nitrile) for skin protection.

Eye Protection:

Wear eye protection/face protection. Contact lenses should not be worn without goggles.

9. Physical and Chemical Properties

Flammability (solid, gas).....: Data not available
 Boiling Point: 194 F
 Melting Point: Data not available
 VOC.....: 615 grams/liter
 Freezing Point: Data not available
 Flash Point: 15 F
 Vapor Pressure: Data not available
 Vapor Density: Heavier than air.
 Solubility in Water: Insoluble
 Density.....: 10.3 lb/gl
 Evaporation Rate: Faster than n-Butyl Acetate.
Explosive Limits:
 Upper Explosive Limit: 7.0
 Lower Explosive Limit: 0.9
 Specific Gravity: 1.23698
 PH: None known
 Volatile (% by Weight).....: 50%
 Appearance and Odor: Gray/Black liquid, organic solvent odor
 Odor Threshold: Not applicable
 Viscosity: Not applicable
 Partition Coefficient:.....: Data not available
 Decomposition Temperature: Data not available
 Autoignition temperature.....: Data not available

10. Stability and Reactivity

Chemical Stability (Conditions to Avoid):

Stable under normal conditions.

Incompatibility:

Oxidizers, Strong Acids or Alkalies.

Hazardous Decomposition Products:

Irritating and/or toxic fumes including the following may be released:
Carbon, Sulfur, or their compounds

Hazardous Polymerization:

Will not occur.

11. Toxicological Information

Acute Toxicity Values:

Mixture, see section 3 - Hazardous Ingredients

Germ Cell Mutagenicity:

None known

Chronic/Carcinogenicity:

IARC (International Agency for Research of Cancer):
Group 2B-Possibly carcinogenic to humans

NTP (National Toxicology Program):

None known

Reproductive Toxicity:

Product contains chemical(s) suspected of damaging
fertility/unborn child

STOT-single exposure:

Vapors are irritating to skin, May burn or blister eyes on contact.
May cause respiratory irritation
May cause drowsiness or dizziness

STOT-repeated exposure:

May cause damage to organs through prolonged or repeated exposure.

Aspiration Hazard:

May be fatal if swallowed and enters airways

Routes of Exposure:

Skin contact, skin absorption, eye contact, inhalation

12. Ecological Information

Environmental Fate:

Do not allow product or runoff from fire control to enter storm or sanitary
sewers, lakes, rivers, streams, or public waterways. Canadian and U.S.
regulations require that environmental and/or other agencies be notified of
a spill incident. The spill area must be cleaned and restored to the
original condition or to the satisfaction of authorities.

Environmental Toxicity:

Data not available

Persistence and Degradability:

Data not available

Bioaccumulative Potential:

Data not available

Mobility in Soil

Data not available

Other Adverse Effects:

None known

13. Disposal Considerations

Disposal Methods:

Dispose of contents/container to: A licensed waste disposal facility.
Do not attempt to combust waste on-site. Incinerate at a licensed
waste disposal site with approval of environment authority.

14. Transport Information

Domestic (Land, DOT), International (Water, IMO/IMDG), International (Air,
ICAO) Road and Rail (ADR/RID), Air (ICAO/IATA), Vessel (IMO/IMDG):

UN Number:

UN 1263

UN Shipping Name:

PAINT RELATED MATERIAL

Transport Hazard Class:

Class 3



Packing Group:

Group II

ENVIRONMENTAL HAZARDS:

Marine Pollutant:

None known

Special Precautions for User:

None known

15. Regulatory Information

U.S. Federal Regulations:

TSCA:

ALL COMPONENTS OF THIS PRODUCT ARE ON THE TSCA INVENTORY OR ARE
EXTINCT FROM REQUIREMENTS

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CERCLA: SARA Hazard Category:

Section 313:

IF THIS MATERIAL HAS ANY COMPONENTS THAT ARE REPORTABLE UNDER SARA 313 THEY ARE SHOWN IN THE FOLLOWING LISTING. IF THE LISTING IS BLANK, THERE ARE NO REPORTABLE COMPONENTS.

COMPONENT	CAS #	% BY WT.
HEPTANE	142-82-5	20% - 25%
VM&P NAPHTHA	64742-89-8	10% - 15%

FRANK DODD SECTION 1502:

ALL COMPONENTS OF THIS PRODUCT COMPLY WITH TITLE 15 OF THE US CONSUMER FINANCIAL PROTECTION ACT, DODD-FRANK ACT SECTION 1502 (CONFLICT MINERALS ACT).

State Regulations:

California Prop 65:

This product contains a chemical known to the State of California to cause cancer.

This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

International Regulations:

WHMIS Classification:

B2, D2A, D2B,

CEPA (Canadian Environmental Protection Act)

ALL INGREDIENTS ARE CEPA APPROVED FOR IMPORT TO CANADA. THIS PRODUCT HAS BEEN CLASSIFIED IN ACCORDANCE WITH THE HAZARD CRITERIA OF THE CONTROLLED PRODUCTS REGULATION (CPR) AND THE MSDS CONTAINS ALL THE INFORMATION REQUIRED BY THE CPR.

EINECS (European Inventory of Existing Chemical List)

ALL COMPONENTS OF THIS PRODUCT ARE INCLUDED ON THE EUROPEAN INVENTORY OF EXISTING CHEMICALS LIST

16. Other Information DATE OF PREPARATION: 7/30/2019

KEY/LEGEND:

- ACGIH: American Conference of Governmental Industrial Hygienists
- ADR: International Carriage of Dangerous Goods by Road
- RID: International Carriage of Dangerous Goods by Rail
- CAS: Chemical Abstracts Service
- CERCLA: Comprehensive Environmental Response, Compensation, & Liability Act
- DOT: Department of Transportation
- HMIS: Hazardous Materials Identification System
- IATA: International Air Transport Association
- ICAO: International Civil Aviation Organization
- IDL: Immediately Dangerous to Life
- IMDG: International Maritime Dangerous Goods
- IMO: International Maritime Organization
- LC: Lethal Concentration
- LD: Lethal Dose

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NIOSH: National Institute for Occupational Safety & Health
OSHA: Occupational Safety & Health Administration
PPM: Parts Per Million
REL: Recommended Exposure Limit
SARA: Superfund Amendments and Reauthorization Act
STEL: Short-term Exposure Limits
STOT: Specific Target Organ Toxicity
TLV: Threshold Limit Value
TSCA: Toxic Substances Control Act
TWA: Time Weighted Average
VOC: Volatile Organic Compounds
WHMIS: Workplace Hazardous Materials Information System

Manufacturer Disclaimer:

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