

1. IDENTIFICATION:

PRODUCT NAME: PERMA-SLIK G  
PRODUCT CODE: PPSG  
PRODUCT USE.: Low Friction Coating

HMIS CODES H F R P  
2\*3 0 G

Manufacturer:

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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: 2/1/2016

2. HAZARDS IDENTIFICATION

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**CLASSIFICATION:**

Highly Flammable Liquid and Vapors - Category 2  
Acute Toxicity - Category 4  
Aquatic Chronic Toxicity - Category 3  
Aspiration Hazard - Category 1  
Carcinogenicity - Category 1  
Serious Eye Damage/Eye Irritation - Category 2A  
Reproductive Toxicity - Category 1  
Skin Irritation - Category 2  
Specific target organ toxicity, repeated exposure - Category 1  
Specific target organ toxicity, single exposure - Category 1

**SIGNAL WORD:**

DANGER

**HAZARDS STATEMENT:**

H304-May be fatal if swallowed and enters airways  
H312-Harmful in contact with skin.  
H319-Causes serious eye irritation  
H332-Harmful if inhaled  
H335-May cause respiratory irritation  
H351-Suspected of causing cancer  
H360-May damage fertility or the unborn child.  
H372-Causes damage to organs through prolonged and repeated exposure  
H411-Toxic to aquatic life with long lasting effects

**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.

## SAFETY DATA SHEET

P501-Dispose of contents/container in accordance with local/regional/national/regulation.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

	CAS#	% BY WT.
METHYL ETHYL KETONE	78-93-3	65 - 70%
ACGIH TLV: 200 ppm OSHA/ACGIH STEL: 300 ppm OSHA TWA 200 ppm LD50 ORAL 3400.0 mg/kg (RATS) DC50 VAPORS 2000 PPM (RATS) LD50 SKIN 12600 mg/kg (RABBITS) LC50 FISH 100 mg/l 96 hr EC50 DAPHNIA >100 mg/l 48 hr EC50 ALGAE ?100 mg/l 96 hr		
ANTIMONY TRIOXIDE	1309-64-4	0% - 5%
OSHA Z-1 0.5 mg/m3 TWA OSHA P0: 0.5 mg/m3 TWA NOISH REL 0.5 mg/m3 LD Oral Rat: >34,600 mg/kg LC50 Fish: >1,000 mg/l 96hr EC50 Daphnia: >1,000 mg/l 48 hr		
XYLENE	1330-20-7	0% - 5%
ACGIH TWA: 100 PPM ACGIH STEL: 150 PPM OSHA Z-1 TWA: 100 PPM OSHA Z-1 435 mg/m3 LD50: ORAL 3,523 mg/kg (rat) LC50 INHALATION 6700 ppm (rat) 4hr EC50 ALGAE 4.36 mg/l 73 hr IC50 DAPHNIA 1 mg/l 24hr LC50 FISH 2.6 mg/l 96hr		
LEAD PHOSPHITE	12141-20-7	0% - 5%
ACGIH TLV-TWA: 0.15 mg/m3 (8 hrs), as Pb BLV: 50 mmg/100g blood OSHA PEL: 0.05 mg/m3, AS Pb		
ETHYL BENZENE	100-41-4	0% - 5%
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		
ANTI-SKINNING AGENT	96-29-7	0% - 5%
LD/50 3680 mg/kg rat oral LD50 1-2 ml/kg Skin Rabbit		

### 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,

## SAFETY DATA SHEET

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**

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### **Flammable Properties:**

**Flash Point (Degree F) .....: 24F**

**Flash Point Method .....: TCC**

### **Explosive Limits:**

**Upper explosive limit: 11.5**

**Lower explosive limit: 1.0% (V)**

### **Hazardous Combustion Products:**

Carbon, Lead, Antimony, Sulfur, or their compounds

### **Extinguishing Media:**

CO<sub>2</sub>, 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.

In case of fire, toxic fumes of lead oxide may be emitted.

## **6. Accidental Release Measures**

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### **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**

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### **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.

Store in a closed/sealed container.

**8. Exposure Controls/Personal Protection**

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**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**

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Flammability (solid, gas).....: Data not available

Boiling Point .....: 175 F

Melting Point .....: Data not available

VOC.....: 737 grams/liter

Freezing Point .....: Data not available

Flash Point .....: 24F

Vapor Pressure .....: Data not available

Vapor Density .....: Heavier than air.

Solubility in Water .....: Slightly Soluble

Density.....: 8.15 lb/gl

Evaporation Rate .....: Faster than n-Butyl Acetate.

**Explosive Limits:**

Upper Explosive Limit .....: 11.5

## SAFETY DATA SHEET

Lower Explosive Limit .....: 1.0% (V)  
 Specific Gravity .....: .97877  
 PH .....: None known  
 Volatile (% by Weight).....: 75%  
 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

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**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, Lead, Antimony, Sulfur, or their compounds

**Hazardous Polymerization:**

Will not occur.

### 11. Toxicological Information

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**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):

Not listed as a carcinogen

**Reproductive Toxicity:**

Product contains chemical(s) that may damage fertility or the unborn child

**STOT-single exposure:**

If inhaled 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

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**Environmental Fate:**

Do not allow product or runoff from fire control to enter storm or sanitary

## SAFETY DATA SHEET

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

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**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

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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

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**SAFETY DATA SHEET**

**U.S. Federal Regulations:**

**OSHA:**

OSHA Regulated

**TSCA:**

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

**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.
ANTIMONY TRIOXIDE	1309-64-4	0% - 5%
LEAD PHOSPHITE	12141-20-7	0% - 5%
ETHYL BENZENE	100-41-4	0% - 5%

**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:**

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: 2/1/2016**

**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

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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  
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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