

1. IDENTIFICATION:

PRODUCT NAME: EVERSCHILD EC-N-501L
PRODUCT CODE: PESECN501L
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: 2/13/2015

2. HAZARDS IDENTIFICATION



Classification:

HIGHLY FLAMMABLE LIQUID AND VAPORS - Category 2

Signal Word:

DANGER

HAZARDS STATEMENTS:

H305-May be harmful if swallowed and enters airways.

H316-Causes mild skin irritation

H320-Causes eye irritation

H333,H336-May be harmful if inhaled; May cause drowsiness or dizziness

H351-Suspected of causing cancer

H361-Suspected of damaging fertility or the unborn child.

PRECAUTIONARY STATEMENTS:

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.

P285-In case of inadequate ventilation wear respiratory protection.

P403-P233-Store in well-ventilated place. Keep container tightly closed.

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

SAFETY DATA SHEET

3. COMPOSITION/INFORMATION ON INGREDIENTS

	CAS#	% BY WT.
NICKEL POWDER	7440-02-0	40% - 45%
<ul style="list-style-type: none"> ACGIH TLV: 1.5 MG/M3 OSHA PEL: 1 MG/M3 LD50 ORAL RAT >9000 mg/kg 		
ISOPROPANOL	67-63-0	15% - 20%
<ul style="list-style-type: none"> ACGIH TWA: 200 ppm ACGIH STEL: 400 ppm NOISH REL: 400 ppm NOISH REL: 980 mg/m3 NOISH STEL: 500 ppm NOISH STEL: 1,225 mg/m3 OSHA Z1 PEL: 400 ppm OSHA Z1 PEL: 980 mg/m3 LC50 INHALATION: 16000ppm 4hr (rat) 		
METHYL ETHYL KETONE	78-93-3	10% - 15%
<ul style="list-style-type: none"> 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) 		
TOLUENE	108-88-3	5% - 10%
<ul style="list-style-type: none"> OSHA PEL 200.00 PPM-TWA OSHA PEL 300.000 PPM-CEILING OSHA VPEL 100.000 PPM-TWA OSHA VPEL 150.000 PPM-STEL (SKIN) ACGIH TLV 50.000 PPM-TWA (SKIN) ACGIH TLV 150.000 PPM-STEL (SKIN) LD 50 ORAL RAT: 2.6G/KG LC 50 INHALATION RAT: 8000 PPM; 4 H LD 50 DERMAL RABBIT: 12,124 MG/KG 		
DIACETONE ALCOHOL	123-42-2	5% - 10%
<ul style="list-style-type: none"> ACGIH TWA: 50 PPM OSHA Z1 PEL: 50 PPM OSHA Z1 PEL 240 MG/M3 LD50 ORAL RAT: 4000 MG/KG LD50 DERMAL RABBIT: 13500 MG/KG 		
ACETONE	67-64-1	0% - 5%
<ul style="list-style-type: none"> ACGIH TLV (8-HOUR) 500 PPM ACGIH STEL 750 PPM NIOSH REL 250 PPM NIOSH REL 590 MG/M3 OSHA Z1 PEL: 1000 PPM OSHA Z1 PEL 2,400 MG/M3 OSHA NIC TWA 200 PPM OSHA NIC STEL 500 PPM LD50 DERMAL 20,000 mg/kg (Rabbit) LD50 ORAL 5800 m/kg (Rat) LC50 INHALATION 16000 PPM 4h Rat LD50 DERMAL 20,000 MG/KG RABBIT 		
METHYL METHACRYLATE	80-62-6	0% - 5%
<ul style="list-style-type: none"> ACGIH TWA 205 mg/m3 50 ppm ACGIH STEL 410 mg/m3 100 ppm OSHA TRANS PEL 410 mg/m3 100 ppm Z1A TWA 410 mg/m3 100 ppm 		
XYLENE	1330-20-7	0% - 5%

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ACGIH TWA: 100 PPM
 OSHA TWA: 100 PPM
 ACGIH STEL: 150 PPM
 OSHA STEL: 125 PPM
 LD50: ORAL 4,300 mg/kr (rat)
 LD50: DERMAL 2000 mg/kr (rabbit)

ETHYL BENZENE	100-41-4	0% - 5%
OSHA PEL 100 ppm-TWA		
OSHA VPEL 100 ppm-TWA		
OSHA VPEL 125 ppm-STEEL		
ACGIH TLV 100 ppm-TWA		
ACGIH TLV 125 ppm-STEEL		
LD50 ORAL: 3500 mg/kg (rat)		

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) : -4 F

Flash Point Method : CC

Explosive Limits:

Upper explosive limit: 12.8

Lower explosive limit: 1.0

Hazardous Combustion Products:

Carbon, Nickel, 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 the product or the 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.

Store in a closed/sealed container.

Keep away from heat, sparks, flame, and ignition source.

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.

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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: 133.F
Melting Point: Data not available
VOC.....: 700 grams/liter
Freezing Point: Data not available
Flash Point: -4 F
Vapor Pressure: Data not available
Vapor Density: Heavier than air.
Solubility in Water: Slightly Soluble
Density.....: 14. lb/gl
Evaporation Rate: Faster than n-Butyl Acetate.
Explosive Limits:
 Upper Explosive Limit: 12.8
 Lower Explosive Limit: 1.0
Specific Gravity: 1.68133
PH: Not Applicable.
Volatile (% by Weight).....: 95%
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, Nickel, or their compounds

Hazardous Polymerization:

Will not occur.

11. Toxicological Information

Acute Toxicity Values:

Mixture, see section 3 - Hazardous Ingredients

Germ Cell Mutagenicity:

Data not available.

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Chronic/Carcinogenicity:

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

NTP (National Toxicology Program):
Known to be a human carcinogen

Reproductive Toxicity:

This product contains chemical(s) suspected of damaging fertility or the unborn child

STOT-single exposure:

Data not available

STOT-repeated exposure:

Data not available

Aspiration Hazard:

The main hazard following accidental ingestion is aspiration of the liquid into the lungs producing chemical pneumonitis. If more than 2.0 ml/Kg has been ingested, vomiting should be induced with supervision. If symptoms, such as loss of gag reflex, convulsions or unconsciousness occur before vomiting, gastric lavage with a cuffed endotracheal tube should be considered.

Routes of Exposure:

Ingestion: May be harmful if swallowed and enters airways.

Skin: Causes mild skin irritation

Eye: Causes eye irritation

Inhalation: May be harmful if inhaled; May cause drowsiness or dizziness

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:

None Known

Persistence and Degradability:

None Known

Bioaccumulative Potential:

None Known

Mobility in Soil

None Known

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:
UN1263

UN Shipping Name:
PAINT RELATED MATERIAL

Transport Hazard Class:
Class 3



Packing Group:
Group II

ENVIRONMENTAL HAZARDS:

Marine Pollutant:
Not known to be a marine pollutant

Special Precautions for User:
None Known

15. Regulatory Information

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.
TOLUENE	108-88-3	5% - 10%

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

Manufacturer Disclaimer:

TO THE BEST OF OUR KNOWLEDGE, THE INFORMATION AND RECOMMENDATION CONTAINED HEREIN IS BELIEVED TO BE ACCURATE AT THE TIME OF PREPARATION OR OBTAINED FROM SOURCES BELIEVED TO BE RELIABLE. HOWEVER, IT IS THE USERS RESPONSIBILITY TO DETERMINE SAFETY, TOXICITY, AND SUITABILITY FOR HIS OWN USE OF THE PRODUCT. EVERLUBE PRODUCTS ASSUMES NO RESPONSIBILITY. THE CUSTOMER OR RECIPIENT OF THIS SDS SHOULD ENSURE THAT THE INFORMATION CONTAINED IN THIS SDS IS MADE AVAILABLE TO ALL EMPLOYEES OR OTHER PERSONS WHOM HE KNOWS OR BELIEVES WILL USE THIS MATERIAL

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