EPRO Services, Inc.
(800) 882-1896
eproinc.com

7/1/20

SAFETY DATA SHEET

According to Regulation (EC) No 1907/2006 (REACH)

1. PRODUCT IDENTIFICATION

Trade Name(s): ECOFLEX-PS
Product Description: Coating
CAS No: Mixture

Manufacturer/Supplier:
EPRO Services, Inc.
PO Box 347
Derby, KS 67037
800-882-1896 (8:00am – 5:00pm CST)

2. HAZARD(S) IDENTIFICATION

ACGIH OSHA EXPOSURE LIMITS

INGREDIENT	CAS NUMBER	%WT	TLV/TWA PPM	TWA PPM	TWA MG/M	STEL PPM	STEL MG/M	VAPOR PRESS mmHg @ temp
Ethylene Glycol	00107-21-1	0-2.5%	-	-	-	50	125	0.1@68F
Propylene Glycol	00057-55-6	0-2.5%	-	-	-	-		0.1 @ 68 .F
Texanol Ester Alcohol	25265-77-4	0-2.5%	-	-	-	-		0.1 @68 .F F

NOTE: This product contains post-consumer recyclable latex paints that were produced by various manufacturers. Composition of finished product may vary with feedstocks.

3. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT	CAS NUMBER	%
Ethylene Glycol	00107-21-1	0 – 2.5%
Propylene Glycol	00057-55-6	0 – 2.5%
Texanol Ester Alcohol	25265-77-4	0 – 2.5%
Calcium carbonate	471-34-1	2%
Recyclable paints*	Mixture	
Polymer (non hazardous)*	Mixture	

*The specific chemical identity and/or exact percentage of composition have been withheld as a trade secret.

4. FIRST-AID MEASURES

General advice: Remove contaminated clothing.

If inhaled: Remove the affected individual into fresh air and keep the person calm. Assist in breathing if necessary. Immediate medical attention required.
If on skin: Wash affected areas thoroughly with soap and water. If irritation develops, seek medical attention.

If in eyes: Flush with copious amounts of water for at least 15 minutes. If irritation develops, seek medical attention.

If swallowed: Immediately rinse mouth and then drink plenty of water, do not induce vomiting, seek medical attention. Never induce vomiting or give anything by mouth if the victim is unconscious or having convulsions.

Most important symptoms and effects, both acute and delayed
Symptoms: No significant symptoms are expected due to the non-classification of the product. Hazards: No hazards anticipated.

Indication of any immediate medical attention and special treatment needed
Note to physician: Treatment: Symptomatic treatment (decontamination, vital functions).

5. FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA
Suitable extinguishing media: water spray, foam, dry powder
Special hazards arising from the substance or mixture
Hazards during fire-fighting: No particular hazards known.
Advice for fire-fighters
Protective equipment for fire-fighting: Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.
FURTHER INFORMATION
Dispose of fire debris and contaminated extinguishing water in accordance with official regulations. Product itself is non-combustible; fire extinguishing method of surrounding areas must be considered.

6. ACCIDENTAL RELEASE MEASURES

High risk of slipping due to leakage/spillage of product.

Personal precautions, protective equipment and emergency procedures
Use personal protective clothing. Avoid contact with skin and eyes.
Environmental precautions
Do not release untreated into natural waters.
Methods and material for containment and cleaning up
For small amounts: Pick up with suitable absorbent material (e.g. sand, sawdust, general-purpose binder, kieselguhr). Dispose of absorbed material in accordance with regulations.
For large amounts: Pump off product.

Spills should be contained, solidified, and placed in suitable containers for disposal.

7. HANDLING AND STORAGE

Handle in accordance with good industrial hygiene and safety practice. No special measures necessary provided product is used correctly. Ensure adequate ventilation.

Conditions for safe storage, including any incompatibilities
Further information on storage conditions: Store protected against freezing.
Protect from temperatures below: 5 °C
The packed product is destroyed at low temperatures or by frost.
Protect from temperatures above: 60 °C
The packed product must be protected against exceeding the indicated temperature.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Advice on system design: Ensure adequate ventilation.

Personal protective equipment
Respiratory protection: Wear respiratory protection if ventilation is inadequate.
Hand protection: Chemical resistant protective gloves
Eye protection: Tightly fitting safety goggles (chemical goggles). Wear face shield if splashing hazard exists.
General safety and hygiene measures: Hands and/or face should be washed before breaks and at the end of the shift. Avoid contact with skin and eyes.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: Liquid
Odor threshold: N/A
pH value: approx. 7.5 – 9
Boiling Point: 100°C
Flammability: Not flammable
Density: approx. 1 g/cm3
Vapor density: N/A
Thermal decomposition: None
Solubility in water: partly soluble
Evaporation rate: No data available

Odor: Faint odor
Color: White
Melting point: 0°C
Flash point: > 148°C
Vapor pressure: 23.4 hPa
Relative density: N/A
Self-ignition: not self-igniting
Viscosity: approx. 3,000-8,000 mPa.s
Miscibility with water: Miscible

10. STABILITY AND REACTIVITY

Reactivity
No hazardous reactions if stored and handled as prescribed/indicated.
Corrosion to metals: Corrosive effects to metal are not anticipated.
Oxidizing properties: not fire-propagating
Chemical stability
The product is stable if stored and handled as prescribed/indicated.
Possibility of hazardous reactions
No hazardous reactions when stored and handled according to instructions. After long storage, slight quantities of carbon monoxide may be formed. The product is chemically stable.
Conditions to avoid: Avoid extreme heat.
Incompatible materials: metal salts
Hazardous decomposition products
Decomposition products: Hazardous decomposition products: carbon dioxide, carbon monoxide, hydrocarbons
Thermal decomposition: No decomposition if used correctly.

11. TOXICOLOGICAL INFORMATION

Primary routes of exposure
Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

Acute Toxicity/Effects
Acute toxicity
Assessment of acute toxicity: Virtually nontoxic after a single ingestion. Virtually nontoxic after a single skin contact. Virtually nontoxic by inhalation. Ingestion may cause gastrointestinal disturbances. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

Oral
Type of value: LD50
Species: rat
Value: > 2,000 - 10,000 mg/kg
Inhalation
Type of value: ATE Value: > 5 mg/l
Exposure time: 4 h Determined for mist
Dermal
Type of value: ATE Value: > 5,000 mg/kg
Assessment other acute effects
Assessment of STOT single:
Based on the available information there is no specific target organ toxicity to be expected after a single exposure.
Irritation / corrosion
Assessment of irritating effects: Not irritating to eyes and skin. May cause mechanical irritation. If the product adheres to skin, irritation may occur when it dries. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.
Skin
Species: rabbit
Result: non-irritant
Method: OECD Guideline 404
Eye
Species: rabbit
Result: non-irritant
Method: OECD Guideline 405
Sensitization
Assessment of sensitization: The product contains a mixture of: 5-chloro-2-methyl-4-isothiazolin-3- one and 2-methyl-4-isothiazolin-3-one (3:1) (CAS-No. :55965-84-9). May produce an allergic reaction. Due to the low concentrations in this product, sensitization is not expected to occur.
Aspiration Hazard
Not applicable

Chronic Toxicity/Effects

Repeated dose toxicity

Assessment of repeated dose toxicity: No adverse effects were observed after repeated exposure in animal studies. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

Genetic toxicity

Assessment of mutagenicity: The substance was not mutagenic in bacteria. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

Carcinogenicity

Assessment of carcinogenicity: The whole of the information assessable provides no indication of a carcinogenic effect.

Reproductive toxicity

Assessment of reproduction toxicity: Not expected to cause reproductive toxicity (based on composition).

Teratogenicity

Assessment of teratogenicity: The data available for an assessment of the effect of the substance on developmental toxicity are not sufficient for a proper evaluation.

Experiences in humans

According to experience, the product is considered to be harmless to health if used in the correct manner.

Other Information

Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses. The statement was derived from products of similar composition.

Symptoms of Exposure

No significant symptoms are expected due to the non-classification of the product.

12. ECOLOGICAL INFORMATION

Toxicity

Toxicity to fish

LC50 (96 h) > 100 mg/l, Brachydanio rerio (OECD Guideline 203, static)

Aquatic invertebrates

EC50 (48 h) > 100 mg/l, Daphnia magna (OECD Guideline 202, part 1, static)

Aquatic plants

EC50 (72 h) > 100 mg/l, Scenedesmus subspicatus (OECD Guideline 201)

Nominal concentration.

Microorganisms/Effect on activated sludge

Toxicity to microorganisms

DIN EN ISO 8192-OECD 209-88/302/EEC,P. C activated sludge, domestic/EC20 (0.5 h): > 100 mg/l

The inhibition of the degradation activity of activated sludge is not anticipated when introduced to biological treatment plants in appropriate low concentrations.

Persistence and degradability

Assessment biodegradation and elimination (H2O)

The product can be virtually eliminated from water by abiotic processes e.g. adsorption onto activated sludge.

Elimination information

> 70 % DOC reduction (OECD 302B; ISO 9888; 88/302/EEC,part C) Easily eliminated from water.

Bioaccumulative potential

Bioaccumulation potential

Based on its structural properties, the polymer is not biologically available. Accumulation in organisms is not to be expected.

Mobility in soil

Assessment transport between environmental compartments

No data available.

Additional information

Absorbable organically-bound halogen (AOX): No data available.

Other ecotoxicological advice: Do not release untreated into natural waters. At the present state of knowledge, no negative ecological effects are expected.

Ecological data are determined by analogy.

13. DISPOSAL CONSIDERATIONS

Waste disposal of substance:

Incinerate or dispose of in a licensed facility. Do not discharge into drains/surface waters/groundwater.

Container disposal:

Dispose of in a licensed facility. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers.

14. TRANSPORT INFORMATION

Land Transport (TDG): Not classified as a dangerous good under transport regulations
Sea Transport (IMDG): Not classified as a dangerous good under transport regulations
Air transport (IATA/ICAO): Not classified as a dangerous good under transport regulations

15. REGULATORY INFORMATION

Federal Regulations

Registration status:

Chemical DSL, CA released / listed

Not WHMIS controlled.

THIS PRODUCT HAS BEEN CLASSIFIED IN ACCORDANCE WITH THE HAZARD CRITERIA OF THE CPR AND THE MSDS CONTAINS ALL THE INFORMATION REQUIRED BY THE CPR.

16. OTHER INFORMATION

This information provided on this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designated only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.