



CrystaLac® Polyurethane TopCoat

Safety Data Sheet

Section 1 - Identification

GHS Product Identifier Name: CrystaLac Extreme Protection Polyurethane
Other means of identification: NA
Product Type: Liquid
Manufacturer: The CrystaLac Company
6205 HWY 91 North
Mountain City, TN, 37683
Phone #: 423-727-6425
Web: www.crystalac.info

Emergency Number: CHEMTREC, U.S. 1-800-424-9300
For International CHEMTREC assistance, call: 703-527-3887

Section 2 - Hazards Identification

OSHA/HCS status: While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product. **Classification of the substance or mixture:** Not classified. **GHS label elements- Signal word:** No Signal word. **Hazard statements:** No known significant effects or critical hazards. **Precautionary statements- General:** Read label before use. Keep out of reach of children. Seek medical attention if advise is needed. **Prevention:** Not applicable. **Response:** Not applicable. **Storage:** Not applicable. **Disposal:** Not applicable. **Hazards not otherwise classified -** none known.

Section 3 - Composition, Information on Ingredients

Substance/Mixture: Proprietary mixture

Other means of identification: Not available

CAS number/other identifiers

CAS number: Not applicable

Product Code: Not available

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence do not require reporting in this section.

Occupational exposure limits, if available, are listed in section 8

Section 4 - First Aid Measures

Description of necessary first aid measures

Eye Contact: Immediately flush eyes with plenty of water. Get medical attention if irritation occurs. **Inhalation:** Move to fresh air. If symptoms persist, seek medical attention. **Skin Contact:** Wash with mild soap and water. Seek medical attentions if symptoms occur. **Ingestion:** Do not induce vomiting. Seek medical attention. **Potential acute health effects -** No Known significant effects or critical hazards concerning eye contact, inhalation, skin contact or ingestion. **Overexposure signs/symptoms:** No Known significant effects or critical hazards concerning eye contact, inhalation, skin contact or ingestion. **Indication of immediate medical attention and special treatment needed if necessary.** **Notes to physician:** Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. **Specific treatments:** No specific treatment. **Protection of first-aiders:** No action shall be taken involving any personal risk or without suitable training. See toxicological information (section 11)

Section 5 - Fire Fighting Measures

Extinguishing media - Suitable: Water spray, (fog), foam, dry chemical or CO₂. **Unsuitable:** None known. **Specific hazards arising from the chemical:** None. **Hazardous thermal decomposition of by products:** None. **Special protective actions for fire-fighters:** Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6 - Accidental Release Measures

Personal precautions, protective equipment and emergency procedures.

For non-emergency personnel: Do not take any personal risk without suitable training. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate protective equipment.

For emergency responders: If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also information in "For non-emergency personnel".

Environmental precautions: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods and materials for containment and cleaning up.

Small Spill: Use appropriate tools to put the spilled liquid waste in disposal

container meeting U.N. packaging requirements. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Large Spill: Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in a container for disposal according to local regulations.

Section 7 - Handling and Storage

Precautions: Do not ingest. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes.

Storage: Keep container tightly closed to avoid evaporation. Store in a dry, cool well-ventilated area. Keep from freezing.

Section 8 - Exposure Controls, Personal Protection

Engineering Controls: No specific ventilation is required

Personal Protection: Safety glasses with side shields, protective clothing, respiratory protection, Chemical-resistant gloves. Be sure to use an approved/certified respirator or equivalent.

Personal Protection in Case of a Large Spill: Splash goggles. Full suit. Boots. Gloves.

Section 9 - Physical and Chemical Properties

Physical state and appearance: Clear/Milky liquid

Odor: Mild odor

Color: Clear to milky liquid

pH: 7.5 to 8

Boiling Point: Not available

Specific Gravity: Density: 1.10 (water=1)

Vapor Pressure: Not Applicable

Vapor Density: Not Available

V.O.C.: less than 1.4 Lbs. per Gal

Solubility: Miscible in water

Section 10 - Stability and Reactivity:

Chemical stability: The product is stable. **Hazardous reactions:** Under normal conditions of storage and use, hazardous reactions will not occur.

Incompatibility with various substances: Strong oxidizing agents.

Hazardous decomposition: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Polymerization: Will not occur.

Section 11 - Toxicological Information

Routes of Entry: Inhalation. Ingestion. Skin absorption. **Sensitization:** None.

Medical conditions aggravated by exposure: No known significant effects or critical hazards. **Mutagenicity:** None known. **Carcinogenicity:** None known.

Mutagenicity: None Known. **Teratogenicity:** None known. **Reproductive Toxicity:** None known.

Effects of overexposure (acute and or chronic): Eyes - Direct contact may cause irritation. **Skin-** Prolonged or repeated contact may cause irritation.

Ingestion- May cause gastrointestinal irritation, nausea, diarrhea. **Inhalation-** Prolonged exposure in poorly ventilated area may cause respiratory irritation. Avoid breathing sanding dust and use NIOSH/MSHA TC23 Mask or equivalent respiratory protection.

Acute toxicity estimates: Route - oral. ATE value - 262295.1 mg/kg

Section 12 - Ecological Information

Ecotoxicity: Not available

Persistence and Degradation: No data available.

Bio Accumulative Potential: No data available.

Mobility in soil: Not available.

Other Adverse Effects: No known.

Section 13- Disposal Consideration

Substance: Unused waste must be disposed of in accordance with federal, state and local environmental control regulations.

Contaminated Packaging: Dispose container in accordance with international, federal, state and local requirements.

Section 14 - Transport Information

DOT Classification: Not a DOT controlled material (United States).

Identification: N/A

Special Provisions for Transport: N/A

UN Number: Not regulated for transport

Class: Not regulated for transport

Proper Shipping Name: Not regulated for transport

Packaging Group: Not regulated for transport

Marine Pollutant: Not a marine pollutant

Other Applicable Information: None

Environmental hazards: None

**Section 15 – Regulatory Information****Federal and State Regulations:**

TSCA 8(a) PAIR: Siloxanes and silicones, di-me, hydroxy-terminated;
(2-Methoxymethylethoxy) propanol; 1-(2-Butoxy-1-methylethoxy) propan-2-ol

TSCA 8(a) CDR Exempt/ Partial exemption: Not determined

United States Inventory (TSCA8b): At least one component is not listed.

Clean Water Act: (CWA)311 Triethylamine

Clean Air Act Sections 112, 602, Class 1 and class 2 Substances- Not listed.

DEA list 1&2 – Not listed.

SARA 302/304 – No products were found.

SARA 304 RQ- Not applicable.

SARA 311/312 – Not applicable.

State regulations

Massachusetts: The following components are listed: (2-Methoxymethylethoxy) propanol

New York: None of the components are listed

New Jersey: The following components are listed: (2-Methoxymethylethoxy) propanol

Pennsylvania: The following components are listed: (2-Methoxymethylethoxy) propanol

California Prop. 65

Warning: This product contains less than 0.1% of a chemical known to the State of California to cause cancer.

International regulations: Not determined.

Section 16 Other Information

Date of issue: 01/01/2017

Version: 1

Prepared by: Derek Becker/Becker Laboratories

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