SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Protect-UC B
PRODUCT CODES: Protect-UC-B/55, Protect-UC-B/5, Protect-UC-B/1
MANUFACTURER: Protective Industrial Polymers
ADDRESS: 7875 Bliss Parkway North Ridgeville, Ohio 44039

EMERGENCY PHONE: CHEMTREC PHONE: 800-424-9300 (outside USA) 703-527-3887
OTHER CALLS: 440-327-0015

PRODUCT USE: Industrial Use Only
PREPARED BY: MEY

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>CAS NO.</th>
<th>% WT</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trade secret</td>
<td>50-60</td>
<td>Polyol Derived from Plant Based Oil</td>
</tr>
<tr>
<td>68609-97-2</td>
<td>7-15</td>
<td>C12-C14 Alkyl Glycidyl ethers</td>
</tr>
</tbody>
</table>

This material is HAZARDOUS by OSHA Hazard Communication definition

Signal Word: CAUTION

Hazards:
Brown musty smelling clear liquid

ROUTES OF ENTRY: Eyes, Skin, respiratory tract

POTENTIAL HEALTH EFFECTS
Inhalation:
May cause irritation from inhalation

Eye contact:
May cause eye irritation. May cause irritation with symptoms of reddening and itching. May cause allergic skin reaction with symptoms of reddening, itching, swelling and rash.

Skin contact:
May cause skin irritation. May cause allergic skin reaction.

Ingestion:
If ingested, irritation of the mouth and throat.

SECTION 4: FIRST AID MEASURES

General advice:
Seek medical advice. If breathing has stopped or is labored, give assisted respirations. Supplemental oxygen may be indicated. If the heart has stopped, trained personnel should begin cardiopulmonary resuscitation immediately.

Eye contact:
Hold eyelids apart, initiate and maintain gentle and continuous irrigation until the patient receives medical care. If medical care is not promptly available, continue to irrigate for one hour. Rinse immediately with plenty of water also under the eyelids for at least 20 minutes.

Skin contact:
In case of skin contact, wash affected areas with soap and water. Immediately remove contaminated clothing and shoes. Get medical attention if irritation develops.

Ingestion:
Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Prevent aspiration of vomit. Turn victim's head to the side.

Inhalation:
If inhaled, remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention if irritation develops.
SECTION 5: FIRE-FIGHTING MEASURES

Suitable extinguishing media: dry chemical, foam, water spray for large fires.
Special Fire Fighting Procedures:
Firefighters should be equipped with self-contained breathing apparatus to protect against potentially toxic and irritating fumes.
Use cold water spray to cool fire-exposed containers to minimize the risk of rupture.

NFPA HAZARD CLASSIFICATION
HEALTH: 2  FLAMMABILITY: 1  REACTIVITY: 0
OTHER: 

HMIS HAZARD CLASSIFICATION
HEALTH: 2  FLAMMABILITY: 1  REACTIVITY: 0
PROTECTION: 

SPECIAL FIRE FIGHTING PROCEDURES: Material will not burn unless preheated.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions:
Use self-contained breathing apparatus and chemically protective clothing. Wear suitable protective clothing, gloves and eye/face protection. Evacuate personnel to safe areas.

Environmental precautions:
Construct a dike to prevent spreading. Construct a dike to prevent spreading.

Methods for cleaning up:
Cover spill with inert material and collect for proper disposal. Dike or dam spilled material and control further spillage, if possible.
Prevent from entering open drains and waterways. Wash spill area with soap and water. Ventilate area to remove vapors and dust.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Handle in accordance with good industrial hygiene and safety practices. Wash thoroughly after handling. Keep container closed when not in use. Avoid breathing dust, vapor, or mist. Avoid contact with skin or clothing. Protect from freezing.

Store in a cool dry place. Store in original or similar containers. Store separate from food products.

SECTION 7 NOTES: Keep container tightly closed and dry; store in a cool place.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering measures
Provide readily accessible eye wash stations and safety showers.

Respiratory protection: Not required for properly ventilated areas.

Hand protection:
Neoprene gloves.
Butyl-rubber
Nitrile rubber
Impervious gloves.
PVC disposable gloves
The breakthrough time of the selected glove(s) must be greater than the intended use period.

Eye protection:
Chemical safety goggles or safety glasses with side shields

Skin and body protection: permeation resistant clothing, gloves, long sleeved shirts and pants.

Environmental exposure controls:
Construct a dike to prevent spreading.
SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Brown musty smelling clear liquid

PHYSICAL STATE: liquid
Color: brown
Odor: Ammoniacal.
Relative density: 1.03 (water = 1)
Vapor pressure: < 1.00 mmHg at 70 °F (21 °C)
Density: 64.301 lb/ft³ (1.03 g/cm³) at 70 °F (21 °C)
pH: 7.7.
Boiling point/range: 208.4°F
Flash point: no flash point up to initial boiling point

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability:
Stable under normal conditions.
Materials to avoid:
Water reactives

Conditions to avoid:
Protect from freezing

Hazardous Decomposition products
By fire and thermal decomposition: Carbon dioxide, carbon monoxide, oxides of nitrogen, dense black smoke, other undetermined compounds

SECTION 11: Toxicological Information

Acute Health Hazard:
No toxicity data available for this product refer to individual components.
Mild–moderate irritant, sensitizer

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity effects
Aquatic toxicity: No data is available on the product itself.

ECOLOGICAL INFORMATION:
See component summary.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD:
Dispose of in a licensed facility. Do not discharge into waterways or sewer systems without proper authorization.
If this material becomes a waste, it would not be a hazardous waste by RCRA criteria (40 CFR 261). Place in an appropriate disposal facility in compliance with local and federal regulations.

SECTION 14: TRANSPORT INFORMATION

DOT: Not Regulated
IATA: Not Regulated
IMDG: Not Regulated
SECTION 15: REGULATORY INFORMATION

Toxic Substance Control Act (TSCA) 12(b) Component(s):
None.

Hazardous

Country Regulatory list Notification
USA TSCA Included on Inventory.
EPA SARA Title III Section 312 (40 CFR 370) Hazard Classification
Acute Health Hazard Chronic Health Hazard

EPA SARA Title III Section 313 (40 CFR 372) Component(s) above 'de minimis' level
None.

US. California Safe Drinking Water & Toxic Enforcement Act (Proposition 65)
This product does not contain any chemicals known to State of California to cause cancer, birth defects or any other harm.

SECTION 16: OTHER INFORMATION

OTHER INFORMATION:

PREPARATION INFORMATION:

DISCLAIMER: This MSDS to the best of our knowledge conforms to the requirements of OSHA 20 CFR 1910.1200, 91/155/EEC and summarizes the health and safety hazard information and general guidance on how to safely handle the material at the date of issue. Each user must review the MSDS in the context of how the product will be handled and used in the workplace. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company. Responsibility for the product sold is subject to our standard terms and conditions, a copy of which is available upon request. This company warrants only that its products meet the specifications stated in the sales contract. Typical properties, where stated, are to be considered as representative of current production and should not be treated as specifications. While all the information presented in this document is believed to be reliable and to represent the best available data on these products, NO Guarantee, Warranty, or representation is made, intended, or implied as to the correctness, or sufficiency of any information, or as to the merchantability or suitability or fitness of any chemical compounds or other products for any use thereof and are not subject to a claim by a third party for infringement of any patent or other intellectual property right. Some of the information presented and conclusions drawn herein are from sources other than direct test data on the product itself. Liability by this company for all claims, whether arising out of breach of warranty, negligence, strict liability, or otherwise, is limited to the purchase price of the material. Products may be toxic and require special precautions in handling. For all products listed, the user should obtain detailed information on toxicity, together with the proper standards. Toxicity and risk characteristics of chemical compounds of products may differ when used with other materials or in a manufacturing or other process. Those risk characteristics should be determined by the user and made know to handlers, processors, and end users.