Section 1: Product and Company Identification
Product Name: Poly/Bed® 812 Resin
Synonym:
Company Name
Ted Pella, Inc., P.O. Box 492477, Redding, CA 96049-2477
   Inside USA and Canada 1-800-237-3526 (Mon-Thu. 6:00AM to 4:30PM PST; Fri 6:00AM to 4:00PM PST)
   Outside USA and Canada 1-530-243-2200 (Mon-Thu. 6:00AM to 4:30PM PST; Fri 6:00AM to 4:00PM PST)
CHEMTREC USA and Canada Emergency Contact Number 1-800-424-9300 24 hours a day
CHEMTREC Outside USA and Canada Emergency Contact Number +1-703-741-5970 24 hours a day

Section 2: Hazard Identification
GHS Pictograms:

GHS Categories:
GHS07: Irritant

Skin Irritant: Category 2
Eye Irritant: Category 2B

Signal Word: DANGER

Hazard Statements:
H315 Causes skin irritation.

Precautionary Statements:
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P280A Wear protective gloves
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P305B IF IN EYES: Separate eyelids with finger tips.
P313 Get medical advice/attention.
P351 Rinse cautiously with water for several minutes.

Health Effects:
NFPA Hazard Rating: Health: 2; Fire: 1; Reactivity: 0
HMIS® Hazard Rating: Health: 2; Fire: 1; Reactivity: 0
(0=least, 1=Slight, 2=Moderate, 3=High, 4=Extreme)

These ratings are assessments of the properties of the material using the ANSI/NFPA 704 Standard. Additional information can be found by consulting in the NFPA published ratings lists (List 325 and List 49).
Results of PBT and vPvB assessment: NIF
PBT: ND
vPvB: ND

Emergency overview:
Appearance: Light yellow liquid
Immediate effects: ND

Potential health effects
Primary Routes of entry: Skin, Eyes
Signs and Symptoms of Overexposure: ND
Eyes: Eye Irritant
Skin: Skin Irritant
Ingestion: ND
Inhalation: ND
Chronic Exposure: ND
Chemical Listed As Carcinogen Or Potential Carcinogen: None
See Toxicological Information (Section11)

Potential environmental effects
See Ecological Information (Section 12)

Section 3: Composition / Information on Ingredients

<table>
<thead>
<tr>
<th>Principle Hazardous Component(s) (chemical and common name(s)) (Cas. No)</th>
<th>%</th>
<th>OSHA PEL mg/m³</th>
<th>ACGIH TLV mg/m³</th>
<th>NTP Carcinogen</th>
<th>IARC Carcinogen</th>
<th>OSHA regulated Carcinogen</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,2,3-Propanetriol, polymer 1 with (chloromethyl)oxirane (25038-04-4)</td>
<td>95-100</td>
<td>NE</td>
<td>NE</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>

Section 4: First Aid Measures
If accidental overexposure is suspected
Contact medical personnel.
Eye(s) Contact: Separate eyelids with finger tips. Flush eyes with flowing water for at least 15 minutes.
Skin Contact: Wash skin with deluge of water for at least 15 minutes.
Inhalation: ND
Ingestion: If swallowed, wash out mouth with water if person is conscious.

Note to physician
Treatment: ND
Medical Conditions generally Aggravated by Exposure: ND

Section 5: Fire Fighting Measures
Flash Point: deg. F.: 244
Flammable Limits: ND
Auto-ignition point: deg. F.: 270 C
Fire Extinguishing Media: ND
Special Fire Fighting Procedures: ND
Unusual Fire and Explosion Hazards: ND
Hazardous combustion products: None
DOT Class: None
Section 6: Accidental Release Measures
Steps to be Taken in Case Material is Released or Spilled: No special measures are indicated.
Waste Disposal Methods: The following chart lists the status of the chemical and its components in reference to 40 CFR Part 261.33. If the product is listed by code number the substance may be subject to special federal and state disposal regulations. If no codes are listed the material must be disposed in compliance with all Federal, State and Local Regulations.
Waste Code: not listed

Section 7: Handling and Storage
Precautions to be taken in Handling and Storage:
Storage temperature: Store at room temperature.
Storage Pressure: NA

Section 8: Exposure Controls / Personal Protection
Engineering Controls
Ventilation required: No further information.
Personal Protection Equipment
Respiratory protection: No further information.
Protective gloves: Use latex or equivalent gloves. Chemical-resistant gloves should be worn whenever this material is handled. The glove material has to be impermeable and resistant to the product. Gloves should be removed and replaced immediately if there is any indication of degradation or chemical breakthrough. Rinse and remove gloves immediately after use. Wash hands with soap and water. All glove recommendations presume that the risk of exposure is through splash and not intentional immersion of the hands into the product. Since glove permeation data does not exist for this material, no recommendation for the glove material can be given for the product. Permeation data must be obtained from the glove manufacturer to determine if the glove is suitable for the task.
Skin protection: Use chemical splash goggles and face shield.
Eye protection: The use of eye protection in the form of safety glasses with side shields and the use of skin protection for hands in the form of gloves are considered minimum and non-discretionary in work places and laboratories. Any recommended personal protection equipment or environmental equipment is to be considered as additional to safety glasses and gloves.

Exposure Guidelines
See Composition/Information on Ingredients (Section 3)

Section 9 Physical and Chemical Properties
Appearance and Physical State: Light yellow liquid
Odor (threshold): ND
Formula: (C3H8O3.C3H5ClO)x
Specific Gravity (H2O=1): 1.22
Vapor Pressure (mm Hg): ND
Vapor Density (air=1): ND
Percent Volatile by volume: ND
Evaporation Rate (butyl acetate=1): ND
Boiling Point: dec.
Melting point: ND
pH: 6-8
Solubility in Water: 30g/L
Molecular Weight: 184.618
Section 10: Stability and Reactivity
Stability: Stable.
Conditions to Avoid: heat; strong acids and strong bases; non-ferrous metals and their salts.
Materials to Avoid (Incompatibility): ND
Hazardous Decomposition Products: None.
Hazardous Polymerization: Will not occur.

Section 11: Toxicological Information
Results of component toxicity test performed:
Acute Data: LD50 dermal rabbit >2000 mg/Kg; LD50 oral rat 5000 mg/Kg
Sub chronic data: ND
Human experience: ND
This product does not contain any compounds listed by NTP or IARC or regulated by OSHA as a carcinogen.

Section 12: Ecological Information
Ecological Information: ND
Chemical Fate Information: ND

Section 13 Disposal Considerations
RCRA 40 CFR 261 Classification: Not listed
Federal, State and local laws governing disposal of materials can differ. Ensure proper disposal compliance with proper authorities before disposal.

Section 14: Transportation Information
US DOT Information: Proper shipping name: Not regulated
IATA: Proper shipping name, Not regulated
IMO: Proper shipping name: Not regulated
Marine Pollutant: No
Canadian TDG: Not regulated

Section 15: Regulatory Information
United States Federal Regulations
SARA: Substance is not listed.
SARA Title III: Substance is not listed.
RCRA: Not listed.
TSCA: All components of this product are on the TSCA public inventory.
CERCLA: Substance is not listed.
State Regulations
California Proposition 65: Substance is not listed.
International Regulations
Canada WHMIS: ND
Europe EINECS Numbers: ND

Section 16: Other Information
Label Information: Irritant
European Risk and Safety Phrases: ND
European symbols needed: ND
Canadian WHMIS Symbols: ND
Abbreviations used in this document
NE= Not established
Disclaimer
Ted Pella, Inc. makes no warranty of any kind regarding the information furnished herein. Users should independently determine the suitability and completeness of information from all sources. While this data is presented in good faith and believed to be accurate, it should be considered only as a supplement to other information gathered by the user. It is the User's responsibility to assure the proper use and disposal of these materials as well as the safety and health of all personnel who may work with or otherwise come in contact with these materials.

SDS Form 0013FIv4