Section 1: Product and Company Identification
Product Name: D.E.R.™ 736 Epoxy Resin
Synonym: Diglycidyl Ether of Poly (propylene glycol), Polymer of epichlorohydrinpolyglycol
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
2.1 Classification of the substance or mixture

GHS Pictograms

GHS07

GHS Categories
GHS07: Irritant
Acute Tox. 4 H302: Harmful if swallowed.
Acute Tox. 4 H332: Harmful if inhaled.
Skin Irrit. 2 H315: Causes skin irritation.
Skin Sens. 1 H317: May cause an allergic skin reaction.

2.2 Label elements

Hazard Pictograms

GHS07

Signal Word: Warning

Hazard Statements
H302 Harmful if swallowed.
H315 Causes skin irritation.
H317 May cause an allergic reaction.
H332 Harmful if inhaled.

Precautionary Statements
2.3 Other hazards

Classification according to Directive 67/548/EEC or Directive 1999/45/EC

Label elements
Labeling according to EU guidelines: The product has been classified and marked in accordance with directives on hazardous materials.
Harmful - Harmful by inhalation and if swallowed.
Irritant - Irritating to eyes and skin. May cause sensitization by skin contact.
Information concerning particular hazards for human and environment: NA

Code letter and hazard designation of product:
Label: Harmful

Risk phrases:
Harmful by inhalation and if swallowed.
Irritating to eyes and skin.
May cause sensitization by skin contact.

Safety phrases:
Keep container in a well-ventilated place.
Avoid contact with skin.
Wear suitable gloves.

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

Results of PBT and vPvB assessment:
PBT: NA
vPvB: NA
Emergency overview
Appearance: Liquid
Immediate effects: ND
Potential health effects
Primary Routes of entry: ND
Signs and Symptoms of Overexposure: ND
Eyes: Causes eye irritation.
Skin: Causes skin irritation. May cause an allergic skin reaction.
Ingestion: Harmful if swallowed.
Inhalation: Harmful if inhaled (mist).
Chronic Exposure: ND
See Toxicological Information (Section 11)
Potential environmental effects
See Ecological Information (Section 12)

Section 3: Composition / Information on Ingredients

<table>
<thead>
<tr>
<th>Principle 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</th>
<th>IARC</th>
<th>OSHA regulated</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polymer of epichlorohydrin-polyglycol (41638-13-5)</td>
<td>≤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
Eye(s) Contact: Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
Skin Contact: Immediately wash with water and soap and rinse thoroughly.
Inhalation: Supply fresh air and to be sure call for a doctor. In case of unconsciousness, place patient stably in side position for transportation.
Ingestion: If symptoms persist, call a doctor.

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

Section 5: Fire Fighting Measures
Flash Point: 160 °C (320 °F)
Flammable Limits: ND
Auto-ignition point: ND
Fire Extinguishing Media: Use firefighting measures that suit the environment.
Special Fire Fighting Procedures: ND
Advice for firefighters: Use mouth respiratory protective device.
Unusual Fire and Explosion Hazards: Product does not present an explosion hazard.
Hazardous combustion products: Oxides of carbon.
Hazardous decomposition products: None known.
Hazardous polymerization: Will not occur.
DOT Class: NA

Section 6: Accidental Release Measures
Steps to be Taken in Case Material is Released or Spilled: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Ensure adequate ventilation.
Environmental Precautions: Dilute with plenty of water. Do not allow to enter sewers/surface or ground water.
Waste Disposal Methods: Dispose of waste according to Federal, State and Local Regulations.

**Section 7: Handling and Storage**
Precautions to be taken in Handling and Storage: Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols. Keep receptacle tightly sealed.
Storage temperature: No special requirements.
Storage Pressure: NA

**Section 8: Exposure Controls / Personal Protection**

**Engineering Controls**
Ventilation required: Use with good ventilation.

**Personal Protection Equipment**
General protective and hygienic measures: Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin.
Respiratory protection: In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.
Protective gloves: Wear gloves.
Skin protection: Protective clothing.
Eye protection: Tightly sealed goggles.
Additional clothing and/or equipment: ND

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

**Section 9 Physical and Chemical Properties**
Appearance and Physical State: White liquid.
Odor (threshold): Ether-like (ND)
Specific Gravity (H2O=1): ND
Vapor Pressure (mm Hg): ND
Vapor Density (air=1): ND
Percent Volatile by volume: ND
Evaporation Rate (butyl acetate=1):
Boiling Point: 225 °C (437 °F)
Freezing point / melting point: ND
pH: ND
Organic solvents: 0.0 %
Solubility in Water: Fully miscible.
Molecular Weight: ND

**Section 10: Stability and Reactivity**
Stability: Stable
Conditions to Avoid: ND
Materials to Avoid (Incompatibility): ND
Hazardous Decomposition Products: No decomposition if used according to specifications.
Hazardous Polymerization: Will not occur.

**Section 11: Toxicological Information**
Results of component toxicity test performed: ND
Primary irritant effect:
On the skin: Irritant to skin and mucous membranes.
On the eye: Irritating effect.
Sensitization: Sensitization possible through skin contact.
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
Aquatic toxicity: ND
Persistence and degradability: ND
Behavior in environmental systems: ND
Bioaccumulative potential: ND
Mobility in soil: ND
Additional ecological information:
General notes: Water hazard class 1 (Self-assessment): slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
Chemical Fate Information: ND

Section 13: Disposal Considerations
RCRA 40 CFR 261 Classification: ND
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
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.
Marine Pollutant: No
Canadian TDG: Not regulated

Section 15: Regulatory Information
United States Federal Regulations
SARA: Section 355 (extremely hazardous substances): Substance is not listed.
SARA Title III: Section 313 (Specific toxic chemical listings): Substance is not listed.
RCRA: ND
TSCA: Substance is listed.
CERCLA: ND
State Regulations
California Proposition 65: Not listed.
Carcinogenic categories
EPA (Environmental Protection Agency): Substance is not listed.
TLV (Threshold Limit Value established by ACGIH): Substance is not listed.
NIOSH-Ca (National Institute for Occupational Safety and Health): Substance is not listed.
OSHA-Ca (Occupational Safety & Health Administration): 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: See Section 2
European symbols needed: Harmful.
Canadian WHMIS Symbols: ND

Abbreviations used in this document
NE= Not established
NA= Not applicable
NIF= No Information Found
ND= No Data

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.