

Safety Data Sheet

Product No.18310 D.E.R.™ 736 Epoxy Resin

Issue Date (04-09-15)

Review Date (08-31-17)

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

Acute Tox. 4

Skin Irrit. 2

Skin Sens. 1

H302: Harmful if swallowed.

H332: Harmful if inhaled.

H315: Causes skin irritation.

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

P261	Avoid breathing dust/fume/gas/mist/vapors/spray.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P321	Specific treatment (see on this label).
P362	Take off contaminated clothing and wash before reuse.
P301+P312	IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

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.

This material and its container must be disposed of as hazardous waste.

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

Principle Component(s) (chemical and common name(s)) (Cas. No)	%	OSHA PEL mg/m ³	ACGIH TLV mg/m ³	NTP	IARC	OSHA regulated
Polymer of epichlorohydrin- polyglycol (41638-13-5)	≤100	NE	NE	No	No	No

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

SDS complies with OSHA's Hazard Communication Rule 29, CFR 1910.1200.

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

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