



Material Safety Data Sheet

Product No. 813-501, 813-502 Pelco® Epoxy Resin

Issue Date (06-01-01)

Review Date (04-12-12)

Section 1: Product and Company Identification

Product Name: Pelco® Epoxy Resin

Synonym: ND

Company Name

Ted Pella, Inc., P.O. Box 492477, Redding, CA 96049-2477

Domestic Phone (800) 237-3526 (Mon-Thu. 6:00AM to 4:30PM PST; Fri 6:00AM to 4:00PM PST)

International Phone (01) (530) 243-2200 (Mon-Thu. 6:00AM to 4:30PM PST; Fri 6:00AM to 4:00PM PST)

Chemtrec Emergency Number 1-800-424-9300 24 hrs a day.

Section 2: Composition / Information on Ingredients

Principle Hazardous Component(s) (chemical and common name(s)) (Cas. No)	%	OSHA PEL mg/m3	ACGIH TLV mg/m3	NTP	IARC	OSHA regulated
Bisphenol A Reaction Product (25085-99-8)	>90	NE	NE	NONE	NONE	NONE
Proprietary ingredients (Trade secret)	<10	NE	NE	NONE	NONE	NONE

Section 3: Hazard Identification

Emergency overview

Appearance: Amber syrup.

Immediate effects: Certain individuals may have pre-existing skin or respiratory conditions causing a sensitivity or allergy which manifest as various reactions. Heating or spraying this product or the mixed parts increases potential health hazards. Health and safety personnel should examine the handling procedures and remedy any existing or potential health and safety hazards.

Potential health effects

Primary Routes of entry: ND

Signs and Symptoms of Overexposure: Skin rash, irritation, reddening, or eczema, breathing irritation or difficulty.

Eyes: May cause irritation.

Skin: May cause irritation. Low dermal absorption hazard.

Ingestion: May inflame or damage the G.I. tract. Large quantities may be harmful.

Inhalation: May cause irritation.

Chronic Exposure: Repeated exposure may cause irritation and sensitization.

Chemical Listed As Carcinogen Or Potential Carcinogen: None $\leq$ 0.1%

See Toxicological Information (Section 11)

Potential environmental effects

See Ecological Information (Section 12)

Section 4: First Aid Measures

If accidental overexposure is suspected

Eye(s) Contact: Hold eyelids apart and flood with copious amounts of water. Seek medical attention.

Skin Contact: Remove excess product. Wash thoroughly with soap and water. If irritation persists, seek medical attention.

Inhalation: Remove to fresh air. Seek medical attention.

Ingestion: Do not induce vomiting unless directed by medical personnel. Seek medical attention.

Note to physician

Treatment: ND

Medical Conditions generally Aggravated by Exposure: ND

Section 5: Fire Fighting Measures

Flash Point: 177°C (350°F)

Flammable Limits: UEL: NA, LEL: NA

Auto-ignition point: 300°C (570°F)

Fire Extinguishing Media: Use foam, CO₂, dry chemical, water fog.

Special Fire Fighting Procedures: Stay upwind. Wear at least full bunker gear and SCBA.

Unusual Fire and Explosion Hazards: Pre-sensitization to epoxy.

Hazardous combustion products: CO, CO₂, NO_x and misc. hydrocarbons.

DOT Class: Not regulated.

Section 6: Accidental Release Measures

Steps to be Taken in Case Material is Released or Spilled: Isolate spill area. Keep out of sewer and storm drains. Absorb spill with non-combustible materials and scoop up. Clean up spill residues with soap and 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: Avoid skin and eye contact and breathing vapors or mists by appropriate measures. Do not eat or smoke while handling this product. Wash thoroughly after handling or exposure to this product. Store in original sealed container in dry, well-ventilated areas.

Storage temperature: 65° to 80° F or ambient.

Storage Pressure: ND

Section 8: Exposure Controls / Personal Protection

Engineering Controls

Ventilation required: Provide ventilation that will keep airborne concentration at a minimum.

Personal Protection Equipment

Respiratory protection: NIOSH approved respirator with organic vapor/HEPA filter cartridges.

Protective gloves: Butyl or nitrile rubber.

Skin protection: Butyl or nitrile rubber chemical gloves. Don chemical resistant clothing where exposure may occur.

Eye protection: Safety glasses or splash goggles with face shield.

Additional clothing and/or equipment: Decontaminate or discard clothing and materials that have come in contact with this product.

Exposure Guidelines

See Composition/Information on Ingredients (Section2)

Section 9 Physical and Chemical Properties

Appearance and Physical State: Amber syrup, liquid.

Odor (threshold): Slightly sweet.

Specific Gravity (H₂O=1): 1.14

Vapor Pressure (mm Hg): ND

Vapor Density (air=1): ND

Percent Volatile by volume: ND

Evaporation Rate (butyl acetate=1): ND

Boiling Point: ND

Freezing point / melting point: ND

pH: ND

Solubility in Water: Slightly

Molecular Weight: ND

Section 10: Stability and Reactivity

Stability: Stable

Conditions to Avoid: Incompatible materials.

Materials to Avoid (Incompatibility): Strong acids, caustics, oxidizers, and epoxy hardeners in an uncontrolled condition.

Hazardous Decomposition Products: None known, other than combustion products in Section 5

Hazardous Polymerization: Will not occur

Section 11: Toxicological Information

Results of component toxicity test performed: Oral: ND, Dermal: ND, Inhalation: ND

Human experience: ND

This product **does not** contain any compounds listed by NTP or IARC or regulated by OSHA as a carcinogen. None $\leq$ 0.1%.

Section 12: Ecological Information

Ecological Information: ND

Chemical Fate Information: ND

Section 13 Disposal Considerations

RCRA 40 CFR 261 Classification: ND

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

Section 15: Regulatory Information

United States Federal Regulations

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

SARA: ND

SARA Title III: Section 311 and 312, Immediate health Hazard. Section 313, Not listed.

RCRA: ND

TSCA: Ingredients listed.

CERCLA: ND

State Regulations

California Proposition 65: Not listed

International Regulations

Canada WHMIS: Class D2B Skin Sensitizer

Europe EINECS Numbers:

Section 16: Other Information

Label Information: ND

European Risk and Safety Phrases: ND

European symbols needed: ND

Canadian WHMIS Symbols: stylized T

WHMIS Trade Secret Registry Numbers: None

Hazardous Products Act Information: This product MSDS contains ingredients which are controlled and/or on the Ingredient Disclosure List (HPA section 13 and 14).

NFPA Hazard Rating: Health: **1**; Fire: **1**; Reactivity: **0**; Other: **NA**

(0=least, 1=Slight, 2=Moderate, 3=High, 4=Extreme)

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.

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