



Material Safety Data Sheet

Product No. 27055 PELCO® CryO-Z-T™

Issue Date (02-27-08)

Review Date (06-01-12)

Section 1: Product and Company Identification

Product Name: PELCO CryO-Z-T™

Synonym: Cryo Embedding Matrix, OCT Embedding Matrix

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
This product does not contain any ingredients classified as hazardous at concentrations greater than 1% or carcinogens greater than 0.1%						

Not classified as hazardous under CHIP Regulations 1994 (As amended 96, 97, 98, 99, 99(2), 2000)

Section 3: Hazard Identification

Emergency overview

Appearance: Viscous colorless liquid.

Immediate effects: ND

Potential health effects

Primary Routes of entry: Not classified as hazardous.

Signs and Symptoms of Overexposure: ND

Eyes: ND

Skin: ND

Ingestion: ND

Inhalation: ND

Chronic Exposure: ND

Chemical Listed As Carcinogen Or Potential Carcinogen: None.

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: Irrigate with water for at least 15 minutes. Take care not to wash chemical from one eye to another. If irritation persists call a doctor.⁸

Skin Contact: Remove contaminated clothing. Wash with soap/cleanser and rinse with plenty of water. If irritation persists, obtain medical attention.

Inhalation: Remove to fresh air and rest. If recovery is not rapid call for prompt medical attention.

Ingestion: Do not induce vomiting. Give plenty of water to drink. Beware of aspiration if vomiting occurs. Seek medical attention immediately.

Note to physician

Treatment: ND

Medical Conditions generally Aggravated by Exposure: ND

Section 5: Fire Fighting Measures

Flash Point: 250° C

Flammable Limits: Not flammable.

Auto-ignition point: NE

Fire Extinguishing Media: Alcohol resistant foam. Dry powder. Carbon dioxide. Water spray/fog.

Special Fire Fighting Procedures: Do not breathe decomposition products and fumes. Use approved self-contained breathing apparatus. Wear fire retardant clothing. Large fires should only be dealt with by trained personnel.

Unusual Fire and Explosion Hazards: ND

Hazardous combustion products: ND

DOT Class: None

Section 6: Accidental Release Measures

Steps to be Taken in Case Material is Released or Spilled: Ventilate area. Isolate the spillage. Do not allow spill to enter drains and watercourses. Wear suitable respiratory protection for large spillages and in confined spaces. Wear rubber gloves. Use eye protection such as goggles to BS EN 166 Chemical Grade. Absorb in inert material such as sand or absorbent granules. Scoop up and place in plastic container to await transfer. Dispose in accordance with local regulations.

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 contact. Avoid eye contact. Avoid inhalation of vapour. Ensure adequate ventilation. Use local extraction equipment where possible. Wear suitable protective clothing (see section 8).

Storage temperature: Room temperature.

Storage Pressure: NA

Section 8: Exposure Controls / Personal Protection

Engineering Controls

Ventilation required: Use mechanical ventilation if possible.

Personal Protection Equipment

Respiratory protection: Use in well ventilated areas.

Protective gloves: Wear rubber gloves.

Skin protection: Wear suitable overalls or apron and change if contaminated.

Eye protection: Wear suitable eye protection such as BS EN 166

Additional clothing and/or equipment: ND

Exposure Guidelines

See Composition/Information on Ingredients (Section2)

Section 9 Physical and Chemical Properties

Appearance and Physical State: Viscous colorless liquid.

Odor (threshold): Sweet, mild.

Specific Gravity (H₂O=1): 1.032 – 1.038

Vapor Pressure (mm Hg): NE

Vapor Density (air=1): NE

Percent Volatile by volume: NE

Evaporation Rate (butyl acetate=1): NE

Boiling Point: NE

Freezing point / melting point: NE

pH: Neutral

Solubility in Water: Miscible with water.

Molecular Weight: NA

Section 10: Stability and Reactivity

Stability: Stable at normal temperatures.

Conditions to Avoid: ND

Materials to Avoid (Incompatibility): Oxidizing agents, acids.

Hazardous Decomposition Products: No hazardous decomposition products when stored and handled correctly.

Hazardous Polymerization: Will not occur.

Section 11: Toxicological Information

Results of component toxicity test performed: No toxic effects known.

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: Do not discharge into drains or watercourses.
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

MSDS complies with OSHA's Hazard Communication Rule 29, CFR 1910.1200. Not classified as hazardous under CHIP Regulations 1994 (As amended 96, 97, 98, 99, 99(2), 2000)

SARA: NA

SARA Title III: NA

RCRA: NA

TSCA: NA

CERCLA: NA

State Regulations

California Proposition 65: None

International Regulations

Canada WHMIS: ND

Europe EINECS Numbers: ND

Section 16: Other Information

Label Information: ND

European Risk and Safety Phrases: ND

European symbols needed: ND

Canadian WHMIS Symbols: ND

Hazard Rating: Health: **NE**; Fire: **NE**; Reactivity: **NE**
(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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