

Safety Data Sheet

Product No. Product No. 18107, 18109 Poly/Bed® 812 Resin, Component of Poly/Bed® Test Kit
Issue Date (11-15-13)
Review Date (04-03-15)

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

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: 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 (Section 11)

Potential environmental effects

See Ecological Information (Section 12)

Section 3: Composition / Information on Ingredients

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

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

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

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

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.