TED PELLA, INC.
Microscopy Products for Science and Industry

Safety Data Sheet

Product No. 18005 Eponate 12 Resin
Issue Date (05-14-15)
Review Date (08-31-17)

Section 1: Product and Company Identification

Product Name: Eponate 12 Resin
Synonym: Glycerol polyglycidyl ether
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

GHS CLASSIFICATION:
All components of this product have either not been classified according to GHS or are below the threshold concentration required for classification. Please refer to section 2-Other Hazards for possible hazards associated with this product.
GHS Pictograms: ND
GHS Categories: ND

Signal Word: ND
Hazard Statements
Refer to Section 2; Other Hazards.
Precautionary Statements
Prevention
Refer to Section 6, 8 of this SDS.
Response
Refer to Section 4 of this SDS.
Storage
Refer to Section 7 of this SDS

Other Hazards:
This product contains component(s) which have the following warnings:
Acute: May cause skin and eye irritation. May cause allergic skin reaction. May cause respiratory tract irritation. Harmful if swallowed. Ingestion is not an expected route of entry in industrial or commercial uses.
Chronic: Prolonged or repeated contact may result in dermatitis.

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

Results of PBT and vPvB assessment: A chemical safety assessment has not been carried out.
PBT: ND

vPvB: ND

Emergency overview:
Appearance: Clear liquid.
Immediate effects: NA
Potential health effects
Primary Routes of entry: Skin and eye contact.
Signs and Symptoms of Overexposure: ND
Eyes: May cause eye irritation.
Skin: May cause skin irritation.
Ingestion: Not an expected route of entry in industrial or commercial uses. Harmful if swallowed.
Inhalation: May cause respiratory tract irritation.
Chronic Exposure: Prolonged or repeated contact may result in dermatitis.
Chemical Listed As Carcinogen Or Potential Carcinogen: No
See Toxicological Information (Section11)
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
Glycerol polyglycidyl ether (25038-04-4)	100	NE	NE	No	No	No

Any "PROPRIETARY" component(s) in the above table is considered trade secret, thus the specific chemical and its exact concentration is being withheld

---

Section 4: First Aid Measures
If accidental overexposure is suspected
Eye(s) Contact: Flush eyes immediately with large amount of water for at least 15 minutes holding eyelids open while flushing. Get prompt medical attention.
Skin Contact: Flush contaminated skin with large amounts of water while removing contaminated clothing. Wash affected skin areas with soap and water. Get medical attention if symptoms occur.
Inhalation: Move person to fresh air. Restore and support continued breathing. If breathing is difficult, give oxygen. Get immediate medical attention.
Ingestion: If swallowed, do not induce vomiting. Call a physician or poison control center immediately for further instructions. Never give anything by mouth if victim is rapidly losing consciousness, unconscious or convulsing.
Note to physician
Treatment: ND
Medical Conditions generally Aggravated by Exposure: ND

Section 5: Fire Fighting Measures
Flash Point: ≥ 201 °F, 93 °C Setaflash Closed Cup
Flammable Limits: NA
Auto-ignition point: ND
Fire Extinguishing Media: Carbon Dioxide, Dry Chemical, Foam, Water Fog.
Special Fire Fighting Procedures: Wear full firefighting protective clothing, including self-contained breathing apparatus (SCBA). If water is used, fog nozzles are preferable.

Unusual Fire and Explosion Hazards: Keep containers tightly closed. Closed containers may rupture when exposed to extreme heat. Use water spray to keep fire exposed containers cool.
Hazardous combustion products: During a fire, irritating and/or toxic gases and particulate may be generated by thermal decomposition or combustion.
DOT Class: Not regulated.

Section 6: Accidental Release Measures
Steps to be Taken in Case Material is Released or Spilled: Avoid contact. Avoid breathing vapors. Use appropriate respiratory protection for large spills or spills in confined area.
Environmental precautions: Do not contaminate bodies of water, waterways, or ditches, with chemical or used container.
Methods and materials for containment and cleanup: Keep non-essential personnel a safe distance away from the spill area. Notify appropriate authorities if necessary. Avoid contact. Before attempting cleanup, refer to hazard caution information in other sections of the SDS form. Scoop spilled material into an appropriate container for proper disposal. (If necessary, use inert absorbent material to aid in containing the spill).
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: Keep closure tight and container upright to prevent leakage. Avoid skin and eye contact. Wash thoroughly after handling. Do not handle until all safety precautions have been read and understood. Empty containers should not be reused. Use with adequate ventilation.
Storage temperature: Room temperature. Store only in well-ventilated areas. Keep container closed when not in use.
Storage Pressure:

Section 8: Exposure Controls / Personal Protection
Engineering Controls
Ventilation required: Sufficient ventilation in pattern and volume should be provided in order to maintain air contaminant levels below recommended exposure limits.
Personal Protection Equipment
Respiratory protection: Use a NIOSH approved air-purifying organic vapor respirator if occupational limits are exceeded. For emergency situations, confined space use, or other conditions where exposure limits may be greatly exceeded, use an approved air-supplied respirator. Observe OSHA regulations (29CFR 1910.134) for respirator use.
Protective gloves: Use neoprene, nitrile, or rubber gloves to prevent skin contact.
Skin protection: Use disposable or impervious clothing if work clothing contamination is likely. Remove and wash contaminated clothing before reuse.
Eye protection: Use safety eyewear including safety glasses with side shields and chemical goggles where splashing may occur.
Additional clothing and/or equipment:
Exposure Guidelines
See Composition/Information on Ingredients (Section 3)

Section 9 Physical and Chemical Properties
Appearance and Physical State: Clear liquid.
Odor (threshold): Epoxy
Specific Gravity (H_2O=1): ND
Vapor Pressure (mm Hg): ND
Vapor Density (air=1): Heavier than air.
Percent Volatile by volume: 0.00%

Evaporation Rate (butyl acetate=1): NA
Boiling Point: ND
Freezing point / melting point: ND
pH: NA
Solubility in Water: Insoluble.
Molecular Weight: ND

Section 10: Stability and Reactivity
Stability: Stable under normal storage conditions.
Conditions to Avoid: High temperatures.
Materials to Avoid (Incompatibility): Amines, acids, water, hydroxyl, or active hydrogen compounds.
Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, aldehydes.
Hazardous Polymerization: Will not occur under normal conditions.

Section 11: Toxicological Information
Results of component toxicity test performed: 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: None
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
MSDS complies with OSHA's Hazard Communication Rule 29, CFR 1910.1200.
SARA: Substance not listed.
SARA Title III: Substance not listed.
RCRA: None listed.
TSCA: All components are listed on the TSCA public inventory.
CERCLA: Substance not listed.
State Regulations
California Proposition 65: Substance not listed.
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

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.