



Material Safety Data Sheet

Product No. 44840, 44841, 44842, 44846, 44847, 44848, 44854, 44856, 44858

Cellulose Acetate Replicating Tape or Sheets

Issue Date (04-22-11)

Review Date (06-01-12)

Section 1: Product and Company Identification

Product Name: Cellulose Acetate Replicating Tape or Sheets

Synonym: None

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 Component(s) (chemical and common name(s)) (Cas. No)	%	OSHA PEL mg/m3	ACGIH TLV mg/m3	NTP	IARC	OSHA regulated
*Cellulose diacetate (9035-69-2)	> 80%	ND	ND	No	No	No
*Diethyl phthalate (84-66-2)	< 20%	ND	5	No	No	No

* As part of polymeric film or sheet.

Section 3: Hazard Identification

Emergency overview

Appearance: Clear plastic film tape or sheet.

Immediate effects: This material is not hazardous by OSHA Hazard Communication Definition

Potential health effects

Primary Routes of entry:

Signs and Symptoms of Overexposure: None known.

Eyes: Contact not likely as a sheet or tape.

Skin: None known.

Ingestion: Ingestion is unlikely, so long as product is used as intended.

Inhalation: Inhalation is unlikely, so long as product is used as intended.

Chronic Exposure: No known chronic health effects.

Chemical Listed As Carcinogen Or Potential Carcinogen: No

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: Wash eyes with clean low pressure water. If irritation persists, seek medical advice.

Skin Contact: No adverse health effects are anticipated, however if irritation develops, then contact physician at once.

Inhalation: If this occurs contact a physician at once.

Ingestion: Contact a physician at once.

Note to physician

Treatment: NIF

Medical Conditions generally Aggravated by Exposure: NIF

Section 5: Fire Fighting Measures

Flash Point: ND

Flammable Limits: ND

Auto-ignition point: ND

Fire Extinguishing Media: Small and large fires: water spray, foam, carbon dioxide, dry chemical.

Special Fire Fighting Procedures: Protective equipment/clothing: Wear a NIOSH approved positive pressure self-contained breathing apparatus.

Unusual Fire and Explosion Hazards: ND

Hazardous combustion products: Carbon monoxide and carbon dioxide.

DOT Class: None

Section 6: Accidental Release Measures

Steps to be Taken in Case Material is Released or Spilled: Pick up and retain for recycle or disposal.

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: No particular precautions are needed in handling. Recommend keeping in sealed bag or container and keep dry and clean for intended use. Do not store in bright sunlight. Avoid exposure to solvent vapors. Keep away from strong oxidizing agents.

Storage temperature: Room temperatures.

Storage Pressure: NA

Section 8: Exposure Controls / Personal Protection**Engineering Controls**

Ventilation required: If user operations generate dust or fumes ventilate area to prevent accumulation.

Personal Protection Equipment

Respiratory protection: Use appropriate respiratory protection where atmosphere exceeds recommended limits. Total Dust: ACGIH 10 mg/M³, OSHA 15 mg/M³. Respirable Dust: ACGIH 3 mg/M³, OSHA 5 mg/M³

Protective gloves: Wear protective gloves.

Skin protection: Wear protective clothing.

Eye protection: Wear safety glasses or face shields.

Additional clothing and/or equipment: As required by user operations.

Exposure Guidelines

See Composition/Information on Ingredients (Section2)

Section 9 Physical and Chemical Properties

Appearance and Physical State: Clear or transparent tape or sheet.

Odor (threshold): Slight if any.

Specific Gravity (H₂O=1): 1.31 to 1.32

Vapor Pressure (mm Hg): NA

Vapor Density (air=1): NA

Percent Volatile by volume:

Evaporation Rate (butyl acetate=1): NA

Boiling Point: NA

Freezing point / melting point: NA

pH: NA

Solubility in Water: Insoluble.

Molecular Weight: NA

Section 10: Stability and Reactivity

Stability: Stable.

Conditions to Avoid: Keep away from high temperatures and open flames.

Materials to Avoid (Incompatibility): Strong oxidizers.

Hazardous Decomposition Products: Carbon monoxide and carbon dioxide.

Hazardous Polymerization: NA

Section 11: Toxicological Information

Results of component toxicity test performed: Not considered to be toxic to humans or animals.

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: Expected to be low based on low water solubility of cellulose acetate.

Chemical Fate Information: NIF

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.

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: None

SARA Title III: None

RCRA: Not classified as a hazardous material.

TSCA: All components of this product are listed on the TSCA 8(b) inventory. TSCA 12(b): None

CERCLA: Diethyl phthalate (84-66-2) RQ: 1000 lbs (454 Kg) as part of the polymer film

State Regulations

California Proposition 65: None

International Regulations

Canada WHMIS: Diethyl phthalate (84-66-2) D2B and listed on the DSL list.

Europe EINECS Numbers: ND

Section 16: Other Information

Label Information: ND

European Risk and Safety Phrases: ND

European symbols needed: ND

Canadian WHMIS Symbols:

HMIS® Hazard Rating: Health: **1**; Fire: **1**; Reactivity: **0**

(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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