



### Safety Data Sheet

**Product No. 44840, 44841, 44842, 44846, 44847, 44848, 44854, 44856, 4858**

**Cellulose Acetate Replicating Tape or Sheets**

**Issue Date (04-22-11)**

**Review Date (04-17-15)**

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#### **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.**

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#### **Section 2: Hazard Identification**

GHS Pictograms: None. Not considered a hazardous substance.

GHS Categories: None known when used as directed.

**Signal Word: NA**

#### **Health Effects:**

NFPA Hazard Rating: Health: ND; Fire: ND; Reactivity: ND

HMIS® Hazard Rating: Health: 1; 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 plastic film tape or sheet.

Immediate effects: Not considered a hazardous substance by OSHA Hazard Communication Definition.

#### **Potential health effects**

Primary Routes of entry: Skin contact.

Signs and Symptoms of Overexposure: None known.

Eyes: Contact not likely as a sheet or tape.

Skin: None known.

Ingestion: Unlikely under normal conditions of use.  
 Inhalation: Unlikely under normal condition of use.  
 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 3: Composition / Information on Ingredients**

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

\* As part of polymeric film or sheet.

**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: If this occurs, 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: 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: Not regulated.

## **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.

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## **Section 7: Handling and Storage**

Precautions to be taken in Handling and Storage: No special measures required.

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.

Storage temperature: Room temperature

Storage Pressure: ND

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## **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/M<sup>3</sup>, OSHA 15 mg/M<sup>3</sup>. Respirable Dust: ACGIH 3 mg/M<sup>3</sup>, OSHA 5 mg/M<sup>3</sup>

Protective gloves: Wear protective gloves.

Skin protection: Wear protective gloves.

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 (Section 3)

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## **Section 9 Physical and Chemical Properties**

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

Odor (threshold): Slight if any.

Specific Gravity (H<sub>2</sub>O=1): 1.31 to 1.32

Vapor Pressure (mm Hg): NA

Vapor Density (air=1): NA

Percent Volatile by volume: ND

Evaporation Rate (butyl acetate=1): NA

Boiling Point: NA

Freezing point / melting point: NA

pH: NA

Solubility in Water: Insoluble.

Molecular Weight: NA

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### **Section 10: Stability and Reactivity**

Stability: Stable under normal conditions.

Conditions to Avoid: Avoid storage in bright sunlight. Keep away from high temperatures and open flames.

Materials to Avoid (Incompatibility): Avoid exposure to solvent vapors and strong oxidizers.

Hazardous Decomposition Products: Carbon monoxide and carbon dioxide.

Hazardous Polymerization: NA

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### **Section 11: Toxicological Information**

Results of component toxicity test performed: Not considered 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.

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### **Section 12: Ecological Information**

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

Chemical Fate Information: NIF

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### **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.

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### **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.

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### **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 listed on the TSCA 8(b) inventory.

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

#### **State Regulations**

California Proposition 65: Substance is not listed.

#### **International Regulations**

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

Europe EINECS Numbers: ND

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**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

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**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.