



Safety Data Sheet

Product No. 821-7 Wafer-Mount™ 559 Mounting

Adhesive

Issue Date (6-1-15)

Review Date (3-18-16)

Section 1: Product and Company Identification

Product Name: Wafer-Mount™ 559 Mounting Adhesive

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: Hazard Identification

2.1 Classification of the substance or mixture: This product is not subject to GHS classification as a hazardous substance. This material is considered an “article” under OSHA and TSCA standards.

2.2 Label elements

Hazard pictograms: NA

Signal word: NA

Hazard statements: NA

Precautionary statements: NA

2.3 Other hazards

Health Effects:

NFPA Hazard Rating: Health: 1; Fire: 0; Reactivity: 0

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

(0=least, 1=Slight, 2=Moderate, 3=High, 4=Extreme)

Results of PBT and vPvB assessment:

PBT: ND

vPvB: ND

Emergency overview:

Appearance: Transparent solid adhesive film with paper backing

Immediate effects: ND

Potential health effects

Primary Routes of entry: ND
 Signs and Symptoms of Overexposure: ND
 Eyes: ND
 Skin: ND
 Ingestion: ND
 Inhalation: ND
 Chronic Exposure: No chronic 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

Principle Component (chemical and common name) (Cas. No)	%	OSHA PEL mg/m3	ACGIH TLV mg/m3	NTP Carcinogen	IARC Carcinogen	OSHA regulated Carcinogen
Polyethylene Terephthalate (PET) (25038-59-9)	100	NE	NE	No	No	No

Section 4: First Aid Measures

If accidental overexposure is suspected

Eye(s) Contact: NA
 Skin Contact: NA
 Inhalation: NA
 Ingestion: NA

Note to physician

Treatment: ND
 Medical Conditions generally Aggravated by Exposure: None

Section 5: Fire Fighting Measures

Flash Point: NA. Films can only be combusted by remaining in contact with flame; film will shrink away and self-extinguish if flame source is stationary.
 Flammable Limits: NA
 Auto-ignition point: NA
 Fire Extinguishing Media: Carbon dioxide, water spray, foam or dry chemical.
 Special Fire Fighting Procedures: Wear NIOSH/MSHA-approved positive-pressure breathing apparatus with full face-piece and full chemical-resistant protective clothing.
 Unusual Fire and Explosion Hazards: None
 Hazardous combustion products: ND
 DOT Class: ND

Section 6: Accidental Release Measures

Steps to be Taken in Case Material is Released or Spilled: No special measures apply.
 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:

Handling: Avoid extremes in high temperatures that may cause melting of the product.

Storage: Store away from heat and sources of ignition. Do not store in direct sunlight. Avoid prolonged storage in high or low temperatures.

Storage temperature: -6 to 38 °C (20 to 100 °F)

Storage Pressure: NA

Section 8: Exposure Controls / Personal Protection

Engineering Controls

Ventilation required: None

Personal Protection Equipment

Respiratory protection: NA

Protective gloves: May be required due to sharp edges when film is in molten phase.

Eye protection: Safety glasses recommended.

Additional clothing and/or equipment: ND

Exposure Guidelines

See Composition/Information on Ingredients (Section 3)

Section 9 Physical and Chemical Properties

Appearance and Physical State: Solid, transparent adhesive film with paper backing

Odor (threshold): Odorless (NA)

Specific Gravity (H₂O=1): 1.0-1.2

Vapor Pressure (mm Hg): NA

Vapor Density (air=1): NA

Percent Volatile by volume: NA

Evaporation Rate (butyl acetate=1): NA

Boiling Point: ND

Melting point: >100°C (212°F)

pH: ND

Solubility in Water: ND

Molecular Weight: ND

Molecular Formula: C₁₀H₁₂O₆

Section 10: Stability and Reactivity

Stability: Stable

Conditions to Avoid: Temperature extremes, which may cause melting of product.

Materials to Avoid (Incompatibility): Very reactive chemicals, i.e. strong acids.

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide and various hydrocarbons.

Hazardous Polymerization: Will not occur.

Section 11: Toxicological Information

Results of component toxicity test performed: No known hazards in industrial use or chronic effects.

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: Not expected to be harmful to the environment. Not biodegradable. No further information available.

Chemical Fate Information: ND

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: Not regulated

IATA: Not regulated

IMO: Not regulated

Marine Pollutant: No

Canadian TDG: Not regulated

Section 15: Regulatory Information

United States Federal Regulations

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

SARA: Not listed

SARA Title III: No reportable substances.

RCRA: ND

TSCA: All ingredients are listed

CERCLA: No reportable quantity established

State Regulations

California Proposition 65: Not listed

International Regulations

Canada WHMIS: ND

Europe EINECS Numbers: ND

Section 16: Other Information

Label Information: See section 2

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

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