

Safety Data Sheet

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

Issue Date (06-01-15)

Review Date (08-31-17)

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

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

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

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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