

Safety Data Sheet

Product No. 821-8 Wafer-Mount™ 562 Mounting Adhesive

Issue Date (06-01-15)

Review Date (08-31-17)

Section 1: Product and Company Identification

Product Name: Wafer-Mount™ 562 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.

2.2 Label elements

Hazard pictograms: No Pictogram Required

Signal word: None

Hazard statements: GHS Hazard Determining Component: None

Precautionary statements: GHS Precautionary Statements - Prevention: None

2.3 Other hazards

Health Effects:

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

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:

PBT: ND

vPvB: ND

Emergency overview:

Appearance: Translucent, white, adhesive film.

Immediate effects: ND

Potential health effects

Primary Routes of entry:

Signs and Symptoms of Overexposure:

Eyes: Combustion products can irritate the eyes.

Skin: Not harmful.

Ingestion: NA

Inhalation: Combustion products can irritate the respiratory tract.

Chronic Exposure: ND

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 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
Polyethylene & Ethylene Vinyl Acetate (24937-78-8) GHS Product Identifier: None	100	ND	ND	No	No	No

Section 4: First Aid Measures

If accidental overexposure is suspected

Eye(s) Contact: Immediately rinse out thoroughly for at least 10 minutes with lids apart with plenty of clean water. If symptoms occur, consult a doctor after eye contact.

Skin Contact: Not harmful. Wash hands with soap and water after use. In case of contact with molten product cool off rapidly with cold water. Do not pull solidified product off the skin.

Inhalation: Do not breath fumes in case of fire. If overwhelmed by fumes, remove from immediate source of exposure and assure that victim is breathing. If not breathing, administer cardio-pulmonary resuscitation (CPR). If breathing is difficult, administer oxygen if available. Seek medical attention.

Ingestion: NA

Note to physician

Treatment: ND

Medical Conditions generally Aggravated by Exposure: None

Section 5: Fire Fighting Measures

Flash Point: >121°C (250°F)

Flammable Limits: ND

Auto-ignition point: ND

Fire Extinguishing Media: Carbon dioxide, water spray jet, foam, or dry chemical.

Special Fire Fighting Procedures: Firefighters should wear NIOSH/MSHA approved positive pressure breathing apparatus with full face-piece and full chemical resistant protective clothing. Fired may be spread by melting and drops of the material.

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: NA

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: Wear protective gloves to avoid cutting. Take action against electrostatic charging. Caution should be exercised if the product is heated to avoid burns due to contact with the hot material. All polymers are broken down to a certain extent at their processing temperature. This effect increases as the temperatures rises. Before the melting point is

reach, the untreated film begins to contract, the extent of the contraction depending on the time and temperature. The precise quantity and nature of the breakdown products depends on the temperature, oxygen supply and process conditions. Ensure adequate ventilation at the processing machines.

Storage: Store in a dry area/protect against moisture.
Storage temperature: <32°C (90°F)
Storage Pressure: NA

Section 8: Exposure Controls / Personal Protection

Engineering Controls

Ventilation required: ND

Components with limit values requiring monitoring in the workplace: None

Chemical name (Cas No)	OSHA PEL (mg/m ³)	ACGIH TLV (mg/m ³)
Aluminum Oxide (1344-28-1) EC-No. 215-691-6	10	15

Personal Protection Equipment

Respiratory protection: NA
Protective gloves: Leather protective gloves.
Eye protection: Safety goggles.
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: Translucent, white, adhesive film.
Odor (threshold): Odorless (NA)
Specific Gravity (H₂O=1): 0.92-0.93
Vapor Pressure (mm Hg): NA
Vapor Density (air=1): NA
Percent Volatile by volume: ND

Evaporation Rate (butyl acetate=1): NA
Boiling Point: ND
Melting point: 75-102°C (167-216°F)
pH: NA
Solubility in Water: Insoluble
Molecular Weight: ND

Section 10: Stability and Reactivity

Stability: Stable
Conditions to Avoid: >250°C (482°F) – Incipient decomposition.
Materials to Avoid (Incompatibility): None known
Hazardous Decomposition Products: Thermal decomposition may generate carbon monoxide, carbon dioxide, and water vapor and combustion products (oxidized and non-oxidized hydrocarbons).
Hazardous Polymerization: ND

Section 11: Toxicological Information

Results of component toxicity test performed:

Eye contact: Combustion products can irritate eyes.

Inhalation: Combustion products can irritate the respiratory tract.

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: The polymer behaves inertly.

Chemical Fate Information: The material is slowly broken down by UV light.

Section 13 Disposal Considerations

RCRA 40 CFR 261 Classification: ND

Evaporate water from solid prior to disposal.

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: Sections 311, 312:

Hazard Classes	Yes/No
Fire Hazard	No
Reactivity Hazard	No
Pressure Hazard	No
Immediate Hazard	No
Delayed Hazard	No

SARA Title III: No reportable substances listed.

RCRA: ND

TSCA: All ingredients are listed.

CERCLA: No established RQ for this material.

State Regulations

California Proposition 65: Not listed.

International Regulations

International Inventory	Status
Canada (DSL)	Yes
Europe (EINECS/ELINCS)	Yes
Australia (AICS)	Yes
Japan (MITI)	Yes
South Korea (KECL)	Yes

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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