TED PELLA, INC.
Microscopy Products for Science and Industry

Safety Data Sheet
Product No. 19250 Tissue-Tack™ Adhesive
Issue Date (11-15-13)
Review Date (2-13-15)

Section 1: Product and Company Identification
Product Name: Tissue-Tack™ Adhesive
Synonym: Tissue Tack
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
GHS Pictograms:


Health Hazard

GHS Categories:
Acute Toxicity Inhalation Category 5

Signal Word: DANGER

Hazard Statements:

H332	Harmful if inhaled.

Precautionary Statements:

P285	In case of inadequate ventilation wear respiratory protection.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P305B	IF IN EYES, Separate eyelids with finger tips.
P314	Get medical advice/attention if you feel unwell.
P351	Rinse cautiously with water for several minutes.

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: Opaque white liquid.
Immediate effects: ND
Potential health effects
Primary Routes of entry: Inhalation, ingestion, eye and skin contact.
Signs and Symptoms of Overexposure: ND
Eyes: Irritating to eyes
Skin: Irritating to skin
Ingestion: ND
Inhalation: Harmful if inhaled.
Chronic Exposure: ND
Chemical Listed As Carcinogen Or Potential Carcinogen: No
See Toxicological Information (Section11)
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
Acrylic Polymer* (ND)	51-60	NE	NE	No	No	No
Ammonium hydroxide (133-621-6) EC number: 215-647-6	0-5	NE	NE	No	No	No
Water* (773-218-5) EC number: 231-791-2	41-50	NE	NE	No	No	No

*Non-Hazardous

Section 4: First Aid Measures
If accidental overexposure is suspected
Eye(s) Contact: Flush eyes with flowing water for at least 15 minutes. Separate eyelids with finger tips.
Skin Contact: Wash skin with deluge of water for at least 15 minutes.
Inhalation: ND
Ingestion: ND
Contact medical personnel if discomfort persists.
Note to physician
Treatment: ND

Medical Conditions generally Aggravated by Exposure: ND

Section 5: Fire Fighting Measures
Flash Point: >200 °F
Flammable Limits: ND
Auto-ignition point: ND
Fire Extinguishing Media: ND
Special Fire Fighting Procedures: ND
Unusual Fire and Explosion Hazards: ND
Hazardous combustion products: None
DOT Class: None

Section 6: Accidental Release Measures
Steps to be Taken in Case Material is Released or Spilled: No special measures are indicated.
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: Keep from freezing.
Storage temperature: Store at room temperature.
Storage Pressure: ND

Section 8: Exposure Controls / Personal Protection
Engineering Controls
Ventilation required: Use process enclosures, local exhaust ventilation, or other engineering controls.
Personal Protection Equipment
Respiratory protection: ND
Protective gloves: Chemical-resistant gloves should be worn whenever this material is handled. The glove material has to be impermeable and resistant to the product. Gloves should be removed and replaced immediately if there is any indication of degradation or chemical breakthrough. Rinse and remove gloves immediately after use. Wash hands with soap and water. All glove recommendations presume that the risk of exposure is through splash and not intentional immersion of the hands into the product. Since glove permeation data does not exist for this material, no recommendation for the glove material can be given for the product.
Permeation data must be obtained from the glove manufacturer to determine if the glove is suitable for the task.
Skin protection: Skin protection for hands in the form of gloves are considered minimum and non-discretionary in work places and laboratories.
Eye protection: The use of eye protection in the form of safety glasses with side shields are considered minimum and non-discretionary in work places and laboratories.
Additional clothing and/or equipment: Any recommended personal protection equipment or environmental equipment is to be considered as additional to safety glasses and gloves.

Exposure Guidelines
See Composition/Information on Ingredients (Section 3)

Section 9 Physical and Chemical Properties
Appearance and Physical State: Opaque white liquid.
Odor (threshold): ND
Specific Gravity (H_2O=1): 1.1
Vapor Pressure (mm Hg): 17
Vapor Density (air=1): <1
Percent Volatile by volume: ND

Evaporation Rate (butyl acetate=1): ND
Boiling Point: 212
Freezing point / melting point: 32
pH: 7.1 - 8.5
Solubility in Water: Dilutable
Molecular Weight: NA

Section 10: Stability and Reactivity
Stability: Stable
Conditions to Avoid: None.
Materials to Avoid (Incompatibility): None.
Hazardous Decomposition Products: None.
Hazardous Polymerization: Will not occur.

Section 11: Toxicological Information
Results of component toxicity test performed:
Acute Data: LD50 oral rat >5000 mg/kg; LD50 dermal rabbit > 5000 mg/kg
Subchronic data: No data
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: ND
Chemical Fate Information: ND

Section 13 Disposal Considerations
RCRA 40 CFR 261 Classification: None listed

The following chart lists the status of the chemical and its components in reference to 40 CFR Part 261.33. If the product is listed by code number the substance may be subject to special federal and state disposal regulations. If no codes are listed the material must be disposed in compliance with all Federal, State and Local Regulations.

Acrylic Polymer- Not listed

CAS#	Waste Code	Regulated Name
133-621-6	Not listed	Not listed
773-218-5	Not listed	Not listed

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.
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: This list identifies the toxic chemicals, including their de minimis concentrations for which reporting is required under Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA). The list is also referred to as the Toxics Release Inventory (TRI) List.
Acrylic Polymer- Not listed.

CAS#	Regulated name	de minimis conc. %	Rep. Thres.
133-621-6	not listed	not listed	not listed
773-218-5	not listed	not listed	not listed

SARA Title III: This list includes hazardous chemicals as defined in 29 CFR 1910.1200(c); and extremely hazardous substances regulated under Section 302 of SARA Title III with their TPQs (in pounds), as listed in 40 CFR 355, Appendices A and B.
Acrylic Polymer- Not listed.

CAS#	Regulated name	TPQ (pounds)	EHS-RQ (pounds)
133-621-6	not listed	not listed	not listed
773-218-5	not listed	not listed	not listed

RCRA: ND
TSCA: All components of this product are on the TSCA public inventory.
CERCLA: The hazardous substances, and their reportable quantities (RQs) are listed in the federal regulations at 40 CFR Part 302, Table 302.4. Release of a CERCLA hazardous substance in an amount equal to or greater than its RQ, in any 24-hour period, must be reported to the National Response Center.
Acrylic Polymer- Not listed.

CAS#	Regulated name	RQ (pounds)
133-621-6	Not listed	Not listed
133-621-6	Ammonium hydroxide	1,000
773-218-5	Not listed	Not listed

State Regulations
California Proposition 65: Column A identifies those items which are known to the State of California to cause cancer. Column B identified items which are known to the State of California to cause reproductive toxicity.
Acrylic Polymer- Not listed.

CAS#	Column A	Column B
133-621-6	No	No
773-218-5	No	No

International Regulations
Canada WHMIS: ND
Europe EINECS Numbers: ND

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

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.