Section 1: Product and Company Identification

Product Name: Pelco® SampleBond™ Cyanoacrylate Glue
Synonym: Super Glue, Instant Adhesive
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

GHS Pictograms: NA
GHS Categories: NA

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: ND
HMIS® Hazard Rating: ND

Results of PBT and vPvB assessment:
PBT: ND
vPvB: ND

Emergency overview
Appearance: Colorless liquid.
Immediate effects: Bonds skin rapidly and strongly.

Potential health effects
Primary Routes of entry: ND
Signs and Symptoms of Overexposure: Vapor is irritating to eyes and mucous membranes above TLV. Prolonged and repeated overexposure to vapors may produce allergic reactions with asthma like symptoms in sensitive individuals.
Eyes: Eye irritant. Vapor is irritating to eyes.
Skin: skin irritant.
Ingestion: It is almost impossible to swallow Cyanoacrylate. The adhesive solidifies and
adheres in the mouth.
Inhalation: Vapor is irritating mucous membranes above TLV.
Chronic Exposure: ND
Chemical Listed As Carcinogen Or Potential Carcinogen: None
See Toxicological Information (Section 11)

Potential environmental effects
See Ecological Information (Section 12)

### Section 3: Composition / Information on Ingredients

<table>
<thead>
<tr>
<th>Principle Hazardous Component(s) (chemical and common name(s)) (Cas. No)</th>
<th>%</th>
<th>OSHA PEL mg/m³</th>
<th>ACGIH TLV mg/m³</th>
<th>NTP Carcinogen</th>
<th>IARC Carcinogen</th>
<th>OSHA regulated Carcinogen</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alkoxy-ethyl cyanoacrylate (27816-23-5) EC-No. 548-670-5</td>
<td>80-99%</td>
<td>ND</td>
<td>ND</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>

### Section 4: First Aid Measures

**If accidental overexposure is suspected**

**Eye(s) Contact:** If the eye is bonded closed, release eyelashes with warm water by covering with wet pad. Cyanocrylate will bond to eye protein and will cause periods of weeping, which will help to de-bond the adhesive. Keep eye covered until de-bonding is complete, usually within 1-3 days. Do not force eye open. Medical advice should be sought in case solid particles of cyanoacrylate trapped behind the eyelid cause any abrasive damage.

**Skin Contact:** Do not pull bonded skin apart. It may be gently peeled apart using a blunt object such as a spoon, preferably after soaking in warm, soapy water. Cyanocrylates give off heat upon solidification. In rare cases a large drop will generate enough heat to cause a burn. Burns should be treated normally after the adhesive has been removed from the skin. If lips are accidentally stuck together apply warm water to the lips and encourage maximum wetting and pressure from saliva inside the mouth. Peel or roll lips apart. Do not try to pull the lips apart with direct opposing action.

**Inhalation:** Remove affected person to fresh air, and if still feeling unwell, seek medical attention.

**Ingestion:** Ensure that breathing passages are not obstructed. The product will polymerize immediately in the mouth making it almost impossible to swallow. Saliva will slowly separate the solidified product from the mouth (several hours).

**Note to physician**

**Treatment:** ND

**Medical Conditions generally Aggravated by Exposure:** ND

### Section 5: Fire Fighting Measures

**Flash Point:** 87 °C

**Flammable Limits:** ND

**Auto-ignition point:** NIF

**Fire Extinguishing Media:** Dry powder, foam or carbon dioxide.

**Special Fire Fighting Procedures:** Use self-contained breathing apparatus.

**Unusual Fire and Explosion Hazards:** None.

**Hazardous combustion products:** Trace amounts of toxic fumes may be released upon incineration.

**DOT Class:** Unrestricted, combustible liquid.

### Section 6: Accidental Release Measures

Steps to be Taken in Case Material is Released or Spilled: Ventilate area. Do not use cloth for mopping up.
Polymerize with water and scrape off the floor.
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:** Ventilation (low-level) is recommended when using large volumes. Use of dispensing equipment is recommended to minimize the risk of skin or eye contact.
- **Storage:** For optimum shelf life store in original containers under refrigerated conditions.
- **Storage temperature:** 2-8°C
- **Storage Pressure:** NA

**Section 8: Exposure Controls / Personal Protection**

**Engineering Controls**
- **Ventilation required:** Local exhaust, cross air movement. Vent downwards, as vapors are heavier than air.

**Personal Protection Equipment**
- **Respiratory protection:** Local exhaust, cross air movement.
- **Protective gloves:** Polyethylene or polypropylene gloves are recommended when using large volumes. Do not use PVC, rubber, nylon or cotton gloves.
- **Skin protection:** Protective clothing.
- **Eye protection:** Safety goggles whenever there is a risk of splashing.
- **Additional clothing and/or equipment:** NA

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

**Section 9 Physical and Chemical Properties**
- **Appearance and Physical State:** Clear-to-yellow liquid.
- **Odor (threshold):** None (NA)
- **Specific Gravity (H2O=1):** 1.07
- **Vapor Pressure (mm Hg):** <5
- **Vapor Density (air=1):** >1
- **Percent Volatile by volume:** ND
- **Evaporation Rate (butyl acetate=1):** ND
- **Boiling Point:** >200°C
- **Freezing point / melting point:** ND
- **pH:** NA
- **Solubility in Water:** Insoluble/polymerized by water.
- **Completely soluble in acetone.
- **Molecular Weight:** NA

**Section 10: Stability and Reactivity**
- **Stability:** Stable
- **Conditions to Avoid:** Moisture, sunlight, heat.
- **Materials to Avoid (Incompatibility):** Polymerized by contact with water, alcohols, amines, and alkalines.
- **Hazardous Decomposition Products:** None, non-thermal.
- **Hazardous Polymerization:** Will not occur.

**Section 11: Toxicological Information**
- **Results of component toxicity test performed:**
  - Estimated oral LD50 > 5,000 mg/kg (Rat)
  - Estimated dermal LD50 > 2,000 mg/kg (Rabbit)
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: Low ecotoxicity; biodegradable.
Chemical Fate Information: ND

### Section 13 Disposal Considerations
RCRA 40 CFR 261 Classification: ND
Polymerize by adding slowly to water (10:1). Dispose of as water insoluble non-toxic solid chemical in authorized landfill or incinerate under controlled conditions.
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: Proper shipping name: Not regulated
IATA: Proper shipping name: Not regulated
IMO: Proper shipping name: Not regulated
Marine Pollutant: No
Canadian TDG: Not regulated

Section 15: Regulatory Information
United States Federal Regulations
SARA: None
SARA Title III: None
RCRA: None
TSCA: All components are listed.
CERCLA: None
State Regulations
California Proposition 65: No.
International Regulations
Canada WHMIS: ND
Europe EINECS Numbers: ND

Section 16: Other Information
Label Information: NA
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.

SDS Form 0013FIV4