



Safety Data Sheet

Product No. 16024 Pelco® SampleBond™ Cyanoacrylate Glue

Issue Date (12-20-14)

Review Date (11-6-15)

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

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

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

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
Alkoxy-ethyl cyanoacrylate (27816-23-5) EC-No. 548-670-5	80-99%	ND	ND	No	No	No

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. Cyanoacrylate 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. Cyanoacrylates 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**

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

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

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