CA GLUE

Safety Data Sheet

According to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)
Issue date: 9/12/2025 Version: 1.0

SECTION 1 Identification

1.1. Product identifier

Product form : Mixture
Trade name : CA GLUE

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

Recommended use : Adhesive

1.4. Supplier's details

ASTEMREY LLC
312 W 2 ND ST
UNIT A2013
CASPER, WY 82601
USA
T +1 (904) 852-6653
support@astemrey.com

1.5. Emergency phone number

Emergency number : For Hazardous Materials or Dangerous Goods Incident Spill, Leak, Fire, Exposure, or Accident
Call CHEMTREC Day or Night: 1-800-424-9300 (Toll Free, USA) / 703-527-3887 (Virginia, USA)
CCN 1022189
Back-up Emergency Number: +1 703-741-5970 (Washington, DC)

SECTION 2 Hazard Identification

2.1. Classification of the substance or mixture

GHS US classification

Flammable liquid, Category 4	H227	Combustible liquid.
Skin corrosion/irritation, Category 2	H315	Causes skin irritation.
Serious eye damage/eye irritation, Category 2A	H319	Causes serious eye irritation.
Skin sensitization, Category 1	H317	May cause an allergic skin reaction.
Carcinogenicity, Category 2	H351	Suspected of causing cancer (Oral).
Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation	H335	May cause respiratory irritation.

Full text of H statements : see section 16

2.2. Label elements

GHS US labeling

Hazard pictograms (GHS US) :

Signal word (GHS US) : Warning
Hazard statements (GHS US) : H227 - Combustible liquid
H315 - Causes skin irritation
H317 - May cause an allergic skin reaction

		H319 - Causes serious eye irritation H335 - May cause respiratory irritation H351 - Suspected of causing cancer (Oral).
Precautionary statements (GHS US)	:	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking. Avoid breathing mist, spray, vapors. Wash hands thoroughly after handling. Use only outdoors or in a well-ventilated area. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves. If on skin: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice or attention. Take off contaminated clothing and wash it before reuse. If inhaled: Remove person to fresh air and keep comfortable for breathing. If exposed or concerned: Get medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention. Call a poison center or doctor if you feel unwell. In case of fire: Use Dry chemical, CO2, alcohol-resistant foam or waterspray to extinguish. Store in a well-ventilated place. Keep container tightly closed. Store locked up. Dispose of contents and/or container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulations.

2.3. Hazards associated with known or reasonably anticipated uses

No additional information available

2.4. Hazards not otherwise classified

No additional information available

2.5. Unknown acute toxicity

No additional information available

SECTION 3 Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	GHS US classification
Ethyl 2-cyanoacrylate	CAS-No.: 7085-85-0	96	Flam. Liq. 4, H227 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335
Methyl methacrylate polymer	CAS-No.: 9011-14-7	3 – 10	Not classified

Name	Product identifier	%	GHS US classification
Hydroquinone	CAS-No.: 123-31-9	0.2	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318 Skin Sens. 1, H317 Muta. 2, H341 Carc. 2, H351 STOT SE 3, H335 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

Full text of hazard classes and H-statements : see section 16

SECTION 4 First aid measures

4.1. Description of necessary first-aid measures

First-aid measures general : First aider: Pay attention to self-protection. Never give anything by mouth to an unconscious person. Give artificial respiration if necessary. Induce artificial respiration with mask fitted with one-way valve or other suitable device but, not mouth-to-mouth. Call a poison center/doctor/physician if you feel unwell.

First-aid measures after inhalation : If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Call a poison center or a doctor.

First-aid measures after skin contact : Remove affected clothing and wash all exposed skin areas with mild soap and water, followed by warm water rinse. If product has bonded to the skin, soak the surface in warm soapy water, gently peel or roll the surfaces apart with a blunt edge object, do not pull apart with opposing force. An attempt may also be made to dissolve the adhered clothing through careful treatment with acetone or nail-varnish remover. If the attempts at decontamination are unsuccessful, irritation is felt or skin damage is apparent, immediately consult a dermatologist. Wash contaminated clothing before reuse.

First-aid measures after eye contact : Rinse the affected eye with widely spread lids for 10 minutes under running water whilst protecting the unimpaired eye. If lids stick together, do not separate them by force. Do not use any solvents to flush the eye and its surroundings. Immediately transport the casualty to an eye doctor / hospital.

First-aid measures after ingestion : Rinse mouth. Drink water in small sips. Do not give milk/oil to drink. Do NOT induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Call a poison center/doctor/physician if you feel unwell.

4.2. Most important symptoms/effects, acute and delayed

Symptoms/effects after inhalation : May cause respiratory irritation.

Symptoms/effects after skin contact : Irritation. May cause an allergic skin reaction. This product may bond to the skin.

Symptoms/effects after eye contact : Eye irritation. Stinging, redness, itching, tears, blurred vision, swelling. This product may bond to the eye or bond the eyelids closed.

Symptoms/effects after ingestion : This product may bond to the skin.

Chronic symptoms : Suspected of causing cancer.

4.3. Indication of immediate medical attention and special treatment needed, if necessary

Other medical advice or treatment : IF exposed or concerned: Get medical advice/attention.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Dry chemical, CO2, alcohol-resistant foam or waterspray.

Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Specific hazards arising from the chemical

Fire hazard	:	Combustible liquid.
Explosion hazard	:	Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of burns and injuries.
Hazardous decomposition products in case of fire	:	Toxic fumes may be released. Nitrogen oxides. Carbon dioxide. Carbon monoxide.

5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions	:	Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection. Move containers from fire area if it can be done without personal risk. Use water spray or fog for cooling exposed containers. Large fires: Fight fire from maximum distance or use unmanned hose holders or monitor nozzles. Withdraw immediately in case of rising sound from venting devices or discoloration from tank. ALWAYS stay away from tanks engulfed in fire. Prevent fire-fighting water from entering environment.
Protection during firefighting	:	Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	:	Avoid all personal contact including breathing in the mist, spray, vapors. Do not take actions involving personal risks. Absorb spillage to prevent material-damage. Stop leak if safe to do so. Notify authorities if product enters sewers or public waters.

For non-emergency personnel

Protective equipment	:	Wear recommended personal protective equipment.
Emergency procedures	:	Evacuate the danger area. If outdoors, move to an area upwind of the danger area. Avoid breathing mist, spray, vapors. Avoid contact with skin and eyes. If possible without taking personal risks, Remove ignition sources, ventilate area. Prevent other non-emergency personnel from entering the danger area. No open flames, no sparks, and no smoking.

For emergency responders

Protective equipment	:	Wear the recommended personal protective equipment. Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
Emergency procedures	:	Evacuate personnel to a safe area. Do not touch or walk on the spilled product. Stop leak if safe to do so. Remove all sources of ignition.
Environmental precautions	:	Avoid release to the environment.

6.2. Methods and materials for containment and cleaning up

For containment	:	Contain with non-combustible inert absorbent. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak, if possible without risk.
Methods for cleaning up	:	Take up in non-combustible inert absorbent and place into container for disposal. Contaminated absorbent material may pose the same hazard as the spilt product. Decontaminate surfaces and equipment with water and detergent. Until a sufficient level of dilution is achieved, the decontamination water may pose the same hazards as the product. Notify authorities if product enters sewers or public waters. Dispose of collected material as soon as possible in accordance with applicable local/regional/national/international regulations.

For further information refer to section 8: "Exposure controls/personal protection",For further information refer to section 13

SECTION 7 Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling	:	Bonds skin and eyes in seconds. Keep out of the reach of children. . Wear personal protective equipment. Use only outdoors or in a well-ventilated area. Avoid breathing mist, spray, vapors. Avoid contact with skin, eyes and clothing. Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking. Take precautionary measures against static discharge.
Hygiene measures	:	Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Wash contaminated clothing before reuse.
Additional hazards when processed	:	Combustible liquid. Proper grounding procedures to avoid static electricity should be followed.

7.2. Conditions for safe storage, including incompatibilities

Storage conditions	:	Store in a cool, dry and well-ventilated area away from incompatible substances. Protect from sunlight. Protect from moisture. Keep container tightly closed.
Incompatible materials	:	Water. Amines. Alkalis. Alcohols.
Heat-ignition	:	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Packaging materials	:	Store always product in container of same material as original container.

SECTION 8 Exposure controls/personal protection

8.1. Control parameters

Ethyl 2-cyanoacrylate (7085-85-0)

USA - ACGIH - Occupational Exposure Limits

Local name	Ethyl cyanoacrylate
ACGIH® TLV® TWA	1 mg/m³
	0.2 ppm
ACGIH® TLV® STEL	5.1 mg/m³
	1 ppm
Remark (ACGIH)	TLV® Basis: Eye & URT irr; asthma. Notations: DSEN; RSEN
Regulatory reference	ACGIH 2025

Hydroquinone (123-31-9)

USA - ACGIH - Occupational Exposure Limits

Local name	Hydroquinone
ACGIH® TLV® TWA	1 mg/m³
Remark (ACGIH)	TLV® Basis: Eye irr; eye dam. Notations: DSEN; A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans)
Regulatory reference	ACGIH 2025

USA - OSHA - Occupational Exposure Limits

Local name	Hydroquinone
OSHA PEL TWA	2 mg/m³
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1

Hydroquinone (123-31-9)	
USA - NIOSH - Occupational Exposure Limits	
Local name	Hydroquinone [Dihydroxybenzene]
NIOSH REL C	2 mg/m³ [15-min]
Regulatory reference (US-NIOSH)	OSHA Annotated Table Z-1 (NIOSH Pocket Guide to Chemical Hazards (NPG))

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station. Use general ventilation, local exhaust ventilation, or process enclosure to keep the airborne concentrations below the permissible exposure limits. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

Environmental exposure controls : Avoid release to the environment. Take measures to reduce or limit air emissions and releases to soil and the aquatic environment.

8.3. Individual protection measures, such as personal protective equipment

Personal protective equipment:
Personal protective equipment should be chosen according to national standards and in discussion with the supplier of the protective equipment. Wear recommended personal protective equipment.

Hand protection:
Wear protective gloves. The following materials are suitable for protective gloves: Polyvinylchloride (PVC), Nitrile rubber

Eye protection:
Wear safety glasses which protect from splashes

Skin and body protection:
Body protection should be chosen depending on activity and possible exposure. Chemical-resistant protective suit

Respiratory protection:
Use NIOSH approved respirator if ventilation is inadequate. SCBA for emergency responders. Must be used in accordance with an OSHA compliant respiratory protection program.

Personal protective equipment symbol(s):

SECTION 9 Physical and chemical properties

9.1. Basic physical and chemical properties

Physical state	:	Liquid
Color	:	Colorless
Odor	:	Irritating
Odor threshold	:	No data available
pH	:	No data available
Melting point	:	Not applicable
Freezing point	:	No data available
Boiling point	:	150 °C / 302 °F
Flash point	:	85 °C / 185 °F
Flammability (solid, gas)	:	Not applicable.

Vapor pressure	:	0.293 mm Hg
Relative vapor density at 20°C	:	No data available
Relative density	:	No data available
Density	:	1.07 – 1.13 @ 25 °C / 77 °F
Solubility	:	Insoluble in water. Reacts with water. Soluble in acetone.
Partition coefficient n-octanol/water (Log Pow)	:	No data available
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Viscosity, kinematic	:	2.655 – 2.804 mm²/s
Viscosity, dynamic	:	3 mPa·s @ 25 °C / 77 °F (Brookfield; 50 sp; 50 rpm)
Explosion limits	:	No data available
Particle characteristics	:	No data available

9.2. Data relevant with regard to physical hazard classes (supplemental)

No additional information available

SECTION 10 Stability and reactivity

10.1. Reactivity

The product polymerizes on contact with air.

10.2. Chemical stability

Stable under normal conditions of use.

10.3. Possibility of hazardous reactions

Rapid exothermic polymerization will occurs in the presence of water, amines, alkalis and alcohols.

10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition. Incompatible materials.

10.5. Incompatible materials

Water. Amines. Alkalis. Alcohols.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced. Thermal decomposition generates: Nitrogen oxides. Carbon dioxide. Carbon monoxide.

SECTION 11 Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	:	Not classified
Acute toxicity (dermal)	:	Not classified
Acute toxicity (inhalation)	:	Not classified

Ethyl 2-cyanoacrylate	
LD50 oral rat	> 5000 mg/kg body weight
LD50 dermal rabbit	> 2000 mg/kg body weight

Hydroquinone	
LD50 dermal rabbit	> 2000 mg/kg body weight

Skin corrosion/irritation : Causes skin irritation.

Ethyl 2-cyanoacrylate	
OECD 404 method, rabbit	(A slightly irritating property of ethyl 2-cyanoacrylate was shown with a primary dermal irritation index (PDII) of 0.87 (mean))

Serious eye damage/irritation : Causes serious eye irritation.

Respiratory or skin sensitization : May cause an allergic skin reaction.

Germ cell mutagenicity : Not classified

Carcinogenicity : Suspected of causing cancer (Oral).

Methyl methacrylate polymer	
IARC group	3 - Not classifiable

Hydroquinone	
IARC group	3 - Not classifiable

Reproductive toxicity : Not classified

STOT-single exposure : May cause respiratory irritation.

Ethyl 2-cyanoacrylate	
STOT-single exposure	May cause respiratory irritation.

Hydroquinone	
STOT-single exposure	May cause respiratory irritation.

STOT-repeated exposure : Not classified

Aspiration hazard : Not classified

CA GLUE	
Viscosity, kinematic	2.655 – 2.804 mm²/s

Symptoms/effects after inhalation : May cause respiratory irritation.

Symptoms/effects after skin contact : Irritation. May cause an allergic skin reaction. This product may bond to the skin.

Symptoms/effects after eye contact : Eye irritation. Stinging, redness, itching, tears, blurred vision, swelling. This product may bond to the eye or bond the eyelids closed.

Symptoms/effects after ingestion : This product may bond to the skin.

Chronic symptoms : Suspected of causing cancer.

SECTION 12 Ecological information

12.1. Ecotoxicity

Ecology - general : The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

Hazardous to the aquatic environment, short–term (acute) : Not classified

Hazardous to the aquatic environment, long–term (chronic) : Not classified

Hydroquinone	
LC50 - Fish [1]	0.638 mg/l
EC50 - Crustacea [1]	0.134 mg/l
EC50 - Crustacea [2]	0.061 mg/l

12.2. Persistence and degradability

CA GLUE	
Persistence and degradability	Not rapidly degradable

Ethyl 2-cyanoacrylate	
Persistence and degradability	Not rapidly degradable

Methyl methacrylate polymer	
Persistence and degradability	Not rapidly degradable

Hydroquinone	
Persistence and degradability	Not rapidly degradable

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Ozone : Not classified
Fluorinated greenhouse gases : No

SECTION 13 Disposal considerations

Regional waste regulation : Disposal must be done according to official regulations.
Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.
Sewage disposal recommendations : Disposal must be done according to official regulations.
Product/Packaging disposal recommendations : Disposal must be done according to official regulations. Dispose of this material and its container at hazardous or special waste collection point. Refer to all applicable national, international and local regulations or provisions.
Additional information : Do not re-use empty containers.
Ecological waste information : Avoid release to the environment.

SECTION 14 Transport information

In accordance with DOT / IMDG / IATA

DOT	IMDG	IATA
14.1. UN number		
NA1993	Not regulated	3334
14.2. Proper Shipping Name		
Combustible liquid, n.o.s. (Cyanoacrylate ester)	Not regulated	Aviation regulated liquid, n.o.s. (Cyanoacrylate ester)
14.3. Transport hazard class(es)		
Combustible liquid	Not regulated	9

DOT	IMDG	IATA
14.4. Packing group		
III	Not regulated	III
14.5. Environmental hazards		
	Not regulated	
DOT Note: Material is not hazardous when shipped less than 119 gallons.		

14.6. Transport in bulk

Not applicable

14.7. Special precautions for user

DOT

UN-No. (DOT)	:	NA1993
DOT Packaging Exceptions (49 CFR 173.xxx)	:	150
DOT Packaging Non Bulk (49 CFR 173.xxx)	:	203
DOT Packaging Bulk (49 CFR 173.xxx)	:	241
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27)	:	60 L
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75)	:	220 L
DOT Vessel Stowage Location	:	A - The material may be stowed ‘‘on deck’’ or ‘‘under deck’’ on a cargo vessel and on a passenger vessel.

IMDG

Not regulated

IATA

PCA Excepted quantities (IATA)	:	E1
PCA Limited quantities (IATA)	:	Y964
PCA limited quantity max net quantity (IATA)	:	30kgG
PCA packing instructions (IATA)	:	964
PCA max net quantity (IATA)	:	450L
CAO packing instructions (IATA)	:	964
CAO max net quantity (IATA)	:	450L
ERG code (IATA)	:	9A

SECTION 15 Regulatory information

15.1. Federal regulations

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

Hydroquinone (123-31-9)	
Listed on EPA Hazardous Air Pollutant (HAPS)	
CERCLA RQ	100 lb

Hydroquinone (123-31-9)	
RQ (Reportable quantity, section 304 of EPA's List of Lists)	100 lb
SARA Section 302 Threshold Planning Quantity (TPQ)	10000 lb 500lb if the substance is solid in powder form with particle size less than 100 microns, or is in solution or molten form

15.2. International regulations

CANADA

Ethyl 2-cyanoacrylate (7085-85-0)
Listed on the Canadian DSL (Domestic Substances List)

Methyl methacrylate polymer (9011-14-7)
Listed on the Canadian DSL (Domestic Substances List)

Hydroquinone (123-31-9)
Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

No additional information available

National regulations

Ethyl 2-cyanoacrylate (7085-85-0)
Listed on INSQ (Mexican National Inventory of Chemical Substances)

Methyl methacrylate polymer (9011-14-7)
Listed on INSQ (Mexican National Inventory of Chemical Substances)

Hydroquinone (123-31-9)
Listed on INSQ (Mexican National Inventory of Chemical Substances)

15.3. State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

Component	State or local regulations
Ethyl 2-cyanoacrylate(7085-85-0)	U.S. - New Jersey - Right to Know Hazardous Substance List
Hydroquinone(123-31-9)	U.S. - Massachusetts - Right To Know List; U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - New York City - Right to Know Hazardous Substances List; U.S. - Pennsylvania - RTK (Right to Know) List

SECTION 16 Other information

According to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)

Issue date : 9/12/2025

Full text of hazard classes and H-statements	
H227	Combustible liquid
H302	Harmful if swallowed
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H319	Causes serious eye irritation
H335	May cause respiratory irritation
H341	Suspected of causing genetic defects.
H351	Suspected of causing cancer.
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.