

SECTION 1: Identification

1.1. Identification

Product form : Mixture
 Trade name : Super Glue 793 0.7 oz
 Product code : 78072720018-0

1.2. Recommended use and restrictions on use

Recommended use : Multipurpose instant adhesive for bonding various materials

1.3. Supplier

Distributor

Saint-Gobain Abrasives, Inc.
 1 New Bond Street
 Worcester, MA 01615
 - United States of America (USA)
 T 800-551-4413
www.Nortonabrasives.com

1.4. Emergency telephone number

Emergency number : 508-795-5000
 CHEMTREC: For emergencies in the US and Canada
 call: 800-424-9300

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS US classification

Skin corrosion/irritation Category 2	H315 Causes skin irritation
Serious eye damage/eye irritation Category 2	H319 Causes serious eye irritation
Specific target organ toxicity (single exposure) Category 3	H335 May cause respiratory irritation

Full text of H statements: see section 16

2.2. GHS Label elements, including precautionary statements

GHS US labeling

Hazard pictograms (GHS US) :



Signal word (GHS US) :

Warning

Hazard statements (GHS US) :

H315 - Causes skin irritation
 H319 - Causes serious eye irritation
 H335 - May cause respiratory irritation

Precautionary statements (GHS US) :

Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children
 P261 - Avoid breathing vapors, gas.
 P264 - Wash hands thoroughly after handling.
 P271 - Use only outdoors or in a well-ventilated area.
 P280 - Wear protective gloves, face protection, eye protection.
 P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing.
 P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P312 - Call a POISON CENTER, a doctor if you feel unwell.
 P332+P313 - If skin irritation occurs: Get medical advice/attention.
 P337+P313 - If eye irritation persists: Get medical advice/attention.
 P362+P364 - Take off contaminated clothing and wash it before reuse.
 P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
 P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3. Other hazards which do not result in classification

No additional information available

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2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	GHS US classification
Ethylcyanoacrylate	(CAS-No.) 7085-85-0	94 - 98	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335

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

SECTION 4: First-aid measures

4.1. Description of first aid measures

- First-aid measures general : IF exposed or concerned: Get medical advice/attention. If medical advice is needed, have product container or label at hand. Get medical advice/attention if you feel unwell.
- First-aid measures after inhalation : Call a POISON CENTER or doctor/physician if you feel unwell. Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.
- First-aid measures after skin contact : Remove/Take off immediately all contaminated clothing. Remove excess cyanoacrylate immediately after washing with plenty of warm water. The patch will come off the skin in a few hours. Polymerized cyanoacrylate poses no health risk, even when adhered to the skin. Avoid contact with clothing, fabrics, tow or paper, as this will cause polymerization. Depending on the amount of cyanoacrylate, the polymerization will generate heat causing smoke, skin burns and highly irritating vapors. For handling large quantities of cyanoacrylate based adhesives, use polyethylene gloves and an apron coated with the same material. SKIN ADHESION: Place warm water in the adhered area. Right after, move smoothly. Do not try to detach the parts in opposite directions.
- First-aid measures after eye contact : 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/attention. Eyelid Adhesion: Wash with plenty of warm water (minimum 20 minutes) and apply a gauze impregnated with warm water. Do not try to open your eyes by forcing with your hands. The eyes should open up to 04 days. An ophthalmologist must monitor the process. EYE GLOBE ADHESIVE: Drops of cyanoacrylate on the eyeball will adhere to the eye protein, and will come off at intermittent periods, which may take a few hours. The eyes will water until the vision normalizes. During this period, in addition to the watery eyes, they may have double vision. An ophthalmologist should be consulted immediately to monitor the recovery process.
- First-aid measures after ingestion : MOUTH ADHESION: If lip adhesion accidentally occurs, apply plenty of water. Press a lot of saliva inside the mouth. Move the lips laterally trying to detach. Do not try to take off by moving in the opposite direction. Rinse mouth. Immediately call a poison center or doctor/physician.

4.2. Most important symptoms and effects (acute and delayed)

- Symptoms/effects : Not expected to present a significant hazard under anticipated conditions of normal use.
- Symptoms/effects after inhalation : May cause respiratory irritation. May cause an allergy or asthma symptoms or breathing difficulties if inhaled.
- Symptoms/effects after skin contact : May cause an allergic skin reaction. Causes mild skin irritation.
- Symptoms/effects after eye contact : Causes serious eye damage.
- Symptoms/effects after ingestion : May be harmful if swallowed.

4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

- Suitable extinguishing media : Dry chemical, CO₂, or water spray or regular foam.
- Unsuitable extinguishing media : High pressure water jet.

5.2. Specific hazards arising from the chemical

- Fire hazard : In case of fire and/or explosion do not breathe fumes. In case of fire, carbon monoxide (CO), carbon dioxide (CO₂) and nitric oxides (NO_x) can be released.
- Explosion hazard : No available data.
- Reactivity in case of fire : Reacts violently with water.

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5.3. Special protective equipment and precautions for fire-fighters

- Precautionary measures fire : Keep away from any possible contact with water, because of violent reaction and possible flash fire.
- Firefighting instructions : In case of fire: Stop leak if safe to do so. Fight fire with normal precautions from a reasonable distance.
- Protection during firefighting : Wear respiratory protection. Wear masks with self-contained respirators.
- Other information : In case of fire, corrosive and toxic gases are released.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Stop leak if safe to do so. Do not allow contact with water. Do not handle until all safety precautions have been read and understood.

6.1.1. For non-emergency personnel

- Protective equipment : Use necessary protective equipment to avoid the risk of contact with hands, skin, eyes and respiratory tract.
- Emergency procedures : Do not get in eyes, on skin, or on clothing. In case of spillage or leakage in large quantities, isolate the area.

6.1.2. For emergency responders

- Protective equipment : For further information refer to section 8: "Exposure controls/personal protection". Use personal protective equipment as required.
- Emergency procedures : Stop leak if safe to do so. Absorb and / or contain the spill with an inert material (sand or peat), then place it in a suitable container.

6.2. Environmental precautions

Keep away from any possible contact with water, because of violent reaction and possible flash fire. Harmful to aquatic life.

6.3. Methods and material for containment and cleaning up

- For containment : Collect spillage.
- Methods for cleaning up : Small quantities of liquid spill: take up in non-combustible absorbent material and shovel into container for disposal. This material and its container must be disposed of in a safe way, and as per local legislation.

6.4. Reference to other sections

See Heading 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Additional hazards when processed : Keep away from any possible contact with water, because of violent reaction and possible flash fire.
- Precautions for safe handling : Do not get in eyes, on skin, or on clothing. Do not eat, drink or smoke when using this product. Do not handle until all safety precautions have been read and understood. Wear personal protective equipment.
- Hygiene measures : Do not eat, drink or smoke when using this product. Take off immediately all contaminated clothing and wash it before reuse.

7.2. Conditions for safe storage, including any incompatibilities

- Technical measures : Store in a well-ventilated place. Keep container tightly closed.
- Storage conditions : Keep only in original container. Keep cool. Protect from sunlight.
- Incompatible products : Incompatible products are water, alcohol, amines and alkaline agents.
- Incompatible materials : Keep away from any possible contact with water, because of violent reaction and possible flash fire.
- Maximum storage period : 24 months
- Storage temperature : $\approx 2 - 35$ °C Before opening the bottle.
- Heat-ignition : No data available.
- Information on mixed storage : No data available.
- Special rules on packaging : Keep only in original container.

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

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USA - ACGIH - Occupational Exposure Limits	
Local name	Ethyl cyanoacrylate
ACGIH TWA (mg/m ³)	1 mg/m ³
ACGIH TWA (ppm)	0.2 ppm
ACGIH STEL (ppm)	1 ppm
Remark (ACGIH)	TLV®Basis: Eye & URT irr; asthma. Notations: DSEN; RSEN
Regulatory reference	ACGIH 2019
USA - OSHA - Occupational Exposure Limits	
Local name	Hydroquinone
OSHA PEL (TWA) (mg/m ³)	2 mg/m ³
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1
Ethylcyanoacrylate (7085-85-0)	
USA - ACGIH - Occupational Exposure Limits	
Local name	Ethyl cyanoacrylate
ACGIH TWA (ppm)	0.2 ppm
ACGIH STEL (ppm)	1 ppm
Remark (ACGIH)	TLV®Basis: Eye & URT irr; asthma. Notations: DSEN; RSEN
Regulatory reference	ACGIH 2019

8.2. Appropriate engineering controls

- Appropriate engineering controls : Emergency eye wash and safety shower devices must be available in the immediate vicinity of any possible exposure.
- Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Personal protective equipment:

Use the recommended personal protective equipment.

Hand protection:

PVC protective gloves. Nitrile rubber gloves

Eye protection:

Wear tight fitting safety glasses

Skin and body protection:

Wear waterproof rubber safety shoes.

Respiratory protection:

Ensure adequate ventilation. If used in a poorly ventilated place, an approved respirator or mask that has a filter for organic vapors must be used

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Liquid.
Color	: Colorless to slightly yellowish
Odor	: Irritating
Odor threshold	: No data available
pH	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: > 149 °C

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Flash point	: > 80 °C (Tag Closed Cup)
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: No data available
Vapor pressure	: < 0.2 mm Hg
Relative vapor density at 20 °C	: No data available
Relative density	: No data available
Specific gravity / density	: 1.05 g/cm ³
Solubility	: Soluble in acetone. Insoluble in water.
Log Pow	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: 95.238 mm ² /s
Viscosity, dynamic	: 100 (80 - 120) cP
Explosion limits	: No data available
Explosive properties	: No data available.
Oxidizing properties	: No data available.

9.2. Other information

VOC content	: Less than 2% (w/w)
Other properties	: Soluble in MEK (Methyl ethyl ketone) and Nitromethane.

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is not reactive under normal conditions of use, storage and transportation.

10.2. Chemical stability

Stable under normal conditions of use.

10.3. Possibility of hazardous reactions

None under normal use.

10.4. Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

10.5. Incompatible materials

Polymerization will occur in contact with water, moisture or alkaline products.

10.6. Hazardous decomposition products

In case of fire, carbon monoxide (CO), carbon dioxide (CO₂) and nitric oxides (NO_x) can be released.

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
Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Causes serious eye irritation.
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified

Cyanoacrylate 793 20g

IARC group	3 - Not classifiable
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Reproductive toxicity : Not classified

STOT-single exposure : May cause respiratory irritation.

Ethylcyanoacrylate (7085-85-0)

STOT-single exposure	May cause respiratory irritation.
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STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified
Viscosity, kinematic	: 95.238 mm ² /s
Symptoms/effects	: Not expected to present a significant hazard under anticipated conditions of normal use.
Symptoms/effects after inhalation	: May cause respiratory irritation. May cause an allergy or asthma symptoms or breathing difficulties if inhaled.
Symptoms/effects after skin contact	: May cause an allergic skin reaction. Causes mild skin irritation.
Symptoms/effects after eye contact	: Causes serious eye damage.
Symptoms/effects after ingestion	: May be harmful if swallowed.

SECTION 12: Ecological information

12.1. Toxicity

No additional information available

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Other adverse effects : No other effects known.

SECTION 13: Disposal considerations

13.1. Disposal methods

Regional legislation (waste)	: Disposal must be done according to official regulations.
Waste treatment methods	: Polymerizes when adding water (10: 1 - product / water). After polymerization, make the disposal as a toxic solid chemical, not soluble in water, in accordance with the local environmental legislation in force.
Sewage disposal recommendations	: Disposal must be done according to official regulations.
Product/Packaging disposal recommendations	: Avoid release to the environment. Refer to manufacturer/supplier for information on recovery/recycling.
Ecology - waste materials	: Avoid release to the environment.

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT

Transport document description	: UN3334 Aviation regulated liquid, n.o.s., 9
UN-No.(DOT)	: UN3334
Proper Shipping Name (DOT)	: Aviation regulated liquid, n.o.s.
Class (DOT)	: 9 - Class 9 - Miscellaneous hazardous material 49 CFR 173.140
Hazard labels (DOT)	: 9 - Class 9 (Miscellaneous dangerous materials)



DOT Packaging Non Bulk (49 CFR 173.xxx)	: 204
DOT Symbols	: A - Material is regulated as a hazardous material only when transported by air, G - Identifies PSN requiring a technical name

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DOT Special Provisions(49 CFR 172.102)	: A35 - This includes any material which is not covered by any of the other classes but which has an anesthetic, narcotic, noxious or other similar properties such that, in the event of spillage or leakage on an aircraft, extreme annoyance or discomfort could be caused to crew members so as to prevent the correct performance of assigned duties. A189 - Except where the defining criteria of another class or division are met, concentrations of formaldehyde solution: a. With less than 25 percent but not less than 10 percent formaldehyde, must be described as UN3334, Aviation regulated liquid, n.o.s.; and b. With less than 10 percent formaldehyde, are not subject to this subchapter.
DOT Packaging Exceptions(49 CFR 173.xxx)	: 155
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27)	: 450 L
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75)	: 450 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.
Emergency Response Guide (ERG) Number	: 171
Other information	: No supplementary information available.
Special transport precautions	: Do not empty into drains. Avoid release to the environment.

Transportation of Dangerous Goods

Transport document description	: UN3334 AVIATION REGULATED LIQUID, N.O.S., 9
UN-No. (TDG)	: UN3334
Proper Shipping Name (Transportation of Dangerous Goods)	: AVIATION REGULATED LIQUID, N.O.S.
TDG Primary Hazard Classes	: 9 - Class 9 - Miscellaneous Products, Substances or Organisms
TDG Special Provisions	: 16 - (1) The technical name of at least one of the most dangerous substances that predominantly contributes to the hazard or hazards posed by the dangerous goods must be shown, in parentheses, on the shipping document following the shipping name in accordance with clause 3.5(1)(c)(ii)(A) of Part 3 (Documentation). The technical name must also be shown, in parentheses, on a small means of containment or on a tag following the shipping name in accordance with subsections 4.11(2) and (3) of Part 4 (Dangerous Goods Safety Marks). (2) Despite subsection (1), the technical name for the following dangerous goods is not required to be shown on a shipping document or on a small means of containment when Canadian law for domestic transport or an international convention for international transport prohibits the disclosure of the technical name: (a) UN1544, ALKALOID SALTS, SOLID, N.O.S. or ALKALOIDS, SOLID, N.O.S.; (b) UN1851, MEDICINE, LIQUID, TOXIC, N.O.S.; (c) UN3140, ALKALOID SALTS, LIQUID, N.O.S. or ALKALOIDS, LIQUID, N.O.S.; (d) UN3248, MEDICINE, LIQUID, FLAMMABLE, TOXIC, N.O.S.; or (e) UN3249, MEDICINE, SOLID, TOXIC, N.O.S. An example in Canada is the "Food and Drugs Act". (3) Despite subsection (1), the technical name for the following dangerous goods is not required to be shown on a small means of containment (a) UN2814, INFECTIOUS SUBSTANCE, AFFECTING HUMANS; or (b) UN2900, INFECTIOUS SUBSTANCE, AFFECTING ANIMALS. SOR/2014-306.63 - These Regulations do not apply to these dangerous goods unless they are to be transported by aircraft. SOR/2014-306
Explosive Limit and Limited Quantity Index	: 0

Transport by sea

Transport document description (IMDG)	: UN 3334 AVIATION REGULATED LIQUID, N.O.S., 9
UN-No. (IMDG)	: 3334
Proper Shipping Name (IMDG)	: AVIATION REGULATED LIQUID, N.O.S.
Class (IMDG)	: 9 - Miscellaneous dangerous substances and articles

Air transport

Transport document description (IATA)	: UN 3334 Aviation regulated liquid, n.o.s., 9, III
UN-No. (IATA)	: 3334
Proper Shipping Name (IATA)	: Aviation regulated liquid, n.o.s.
Class (IATA)	: 9 - Miscellaneous Dangerous Goods
Packing group (IATA)	: III - Minor Danger

SECTION 15: Regulatory information

15.1. US Federal regulations

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Ethylcyanoacrylate (7085-85-0)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

15.2. International regulations

CANADA

Ethylcyanoacrylate (7085-85-0)

Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

National regulations

No additional information available

15.3. US State regulations

SECTION 16: Other information

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Data sources : Classification according to Classification, Labelling and Packaging of Substances and Mixtures (SEA) Regulation published in the Official Journal numbered 28848 on December 11, 2013. REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labeling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Full text of H-phrases:

H315	Causes skin irritation
H319	Causes serious eye irritation
H335	May cause respiratory irritation

SDS US (GHS HazCom 2012)

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.