



CHASBKARAN SAHELE ARAS CO.

MATERIAL SAFETY DATA SHEETS

FINAL SUPERGLUE

SECTION 1: IDENTIFICATIONS OF THE SUBSTANCE /MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product form : MIXTURE
Trade name : FINAL SUPERGLUE
Type of product : ADHESIVE, SEALANT
Product group : TRADE PRODUCT

1.2. Relevant identified uses of the substance or mixture and uses discouraged

Intended for general public.

1.3. Details of the supplier providing the safety data sheet

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Valiasr, Tabriz, Iran
Phone: +98 (41) 4196

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1.4. Emergency telephone number

In Case Of Emergency : +98 (41) 4196

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]M

Skin corrosion/irritation	H315	Calculation method
Serious eye damage/eye irritation	H319	Calculation method
Specific target organ toxicity — Single exposure	H335	Calculation method
Respiratory tract irritation		

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP] E

Hazard pictograms (CLP) :

Signal word (CLP) : Warning

Hazardous ingredients : ethyl 2-cyanoacrylate.

Hazard statements (CLP) : H315 - Causes skin irritation.

H319 - Causes serious eye irritation.

H335 - May cause respiratory irritation.



GHS07

Precautionary statements (CLP)

: P102 - Keep out of reach of children.

P261 - Avoid breathing gas, mist, vapors.

P280 - Wear eye protection, face protection, protective gloves.

P302+P352 - IF ON SKIN: Wash with plenty of water.

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.

P312 - Call a doctor, a POISON CENTER if you feel unwell.

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.

EUH-statements

:EUH208 - Contains 1,4-dihydroxybenzene, hydroquinone, quinol. May produce an allergic reaction.

EUH202 - Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Mixture

Name	Product identifies	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
ethyl 2-cyanoacrylate	(CAS No) 7085-85-0 (EC no) 230-391-5 (EC index no) 607-236-00-9	80 - 90	Eye Irrit. 2, H319 STOT SE 3, H335 Skin Irrit. 2, H315
1,4-dihydroxybenzene, hydroquinone, quinol	(CAS No) 123-31-9 (EC no) 204-617-8 (EC index no) 604-005-00-4	0 - 0.5	Carc. 2, H351 Muta. 2, H341 Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Acute 1, H400 (M=10)

Specific concentration limits:

Name	Product identifier	Specific concentration limits
ethyl 2-cyanoacrylate	(CAS No) 7085-85-0 (EC no) 230-391-5 (EC index no) 607-236-00-9	(C >= 10) STOT SE 3, H335

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

First-aid measures general

: Call a poison center or a doctor if you feel unwell.

First-aid measures after inhalation

: Remove person to fresh air and keep comfortable for breathing. Call a poison center or a doctor if you feel unwell.

First-aid measures after skin contact

: Wash skin with plenty of water. Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention.

First-aid measures after eye contact

: 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.

First-aid measures after ingestion

: Call a poison center or a doctor if you feel unwell.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media

: Water spray. Dry powder. Foam. Carbon dioxide.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products

: Toxic fumes may be released in case of fire.

5.3. Advice for firefighters

Protection during firefighting

: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus.

Complete protective clothing.

SECTION 6: HANDLING AND STORAGE

6.1. Precautions for safe handling

Precautions for safe handling

: Use only outdoors or in a well-ventilated area. Avoid breathing dust/fume/gas/mist/vapors/spray. Avoid contact with skin and eyes. Wear personal protective equipment.

Hygiene measures

: Wash contaminated clothing before reuse. Do not eat,

drink or smoke when using this product. Always wash hands after handling the product.

6.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store locked up. Store in a well-ventilated place. Keep container tightly closed. Keep cool.

SECTION 7: EXPOSURE CONTROLS/PERSONAL PROTECTION

Appropriate engineering controls	: Ensure good ventilation of the work station.
Hand protection	: Protective gloves.
Eye protection	: Safety glasses.
Skin and body protection	: Wear suitable protective clothing.
Respiratory protection	: In case of insufficient ventilation, wear suitable respiratory Equipment.
Environmental exposure controls	: Avoid release to the environment.

SECTION 8: PHYSICAL AND CHEMICAL PROPERTIES

8.1. Information on basic physical and chemical properties

Physical state	Liquid
Appearance	Clear, colorless liquid
Color	Colorless
Odor	sharp
Boiling point	> 200
Flash point	80 - 93.4 °C
Auto-ignition temperature	485 °C
Vapor pressure at 50 °C	< 0.2 mm Hg
Relative vapor density at 20 °C	≈ 3
Density	1.04 - 1.06 g/cm ³
Viscosity, dynamic	10-25 mPa·s

SECTION 9: STABILITY AND REACTIVITY

9.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

9.2. Chemical stability

Stable under normal conditions.

9.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

SECTION 10: TOXICOLOGICAL INFORMATION

10.1. Information on toxicological effects

Acute toxicity: 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.

SECTION 11: ECOLOGICAL INFORMATION

11.1. Toxicity

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

SECTION 12: ACCIDENTAL RELEASE MEASURES

Personal precautions: Remove all sources of ignition. Ensure adequate ventilation, especially in confined areas.

Avoid contact with skin, eyes or clothing. Wash thoroughly after handling.

Methods for containment: Prevent further leakage or spillage if safe to do so.

Clean contaminated objects and areas thoroughly observing environmental regulations.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal: Disposal must be done according to official regulations. Waste treatment methods: The product can be polymerized slowly with water.

Cured product can then be disposed of in land-fill sites by licensed contractors. Use suitable disposal containers.

Contaminated packaging: Do not reuse container.

SECTION 14: TRANSPORT INFORMATION

In accordance with ADR / RID / IMDG / IATA / ADN

UN Number: NOT REGULATED

UN proper shipping name: N/A

Dangerous Goods Class: N/A

Packing Group: None

Subsidiary Risk: None

Special precautions for user: None

Hazchem code: None

SECTION 15: REGULATORY INFORMATION

EU-Regulations: Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

VOC content : < 2 %

National regulations:

Denmark:

Class for fire hazard: Class III-1

Classification remarks: Flammable according to the Danish Ministry of Justice; Emergency management guidelines for the storage of flammable liquids must be followed

Recommendations Danish Regulation: Young people below the age of 18 years are not allowed to use the product Pregnant/breastfeeding women working with the product must not be in direct contact with the product The requirements from the Danish Working Environment Authorities regarding work with carcinogens must be followed during use and disposal

SECTION 16: ADDITIONAL INFORMATION

Full text of H- and EUH-statements:	
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Carc. 2	Carcinogenicity, Category 2
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Muta. 2	Germ cell mutagenicity, Category 2
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Sensitization — Skin, Category 1
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
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
EUH202	Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children
EUH208	Contains. May produce an allergic reaction