

Safety data sheet

Product name

Version 1.0

Effective date: 2019-05-01

SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY / UNDERTAKING

1.1 Product identifier

Trade name: Product name

Product no.: -

1.2 Relevant identified uses of the substance or mixture and uses advised against:

Product use: X

1.3 Details of the Supplier of the safety data sheet:

Company: X
X
X
X
X

Contact: X

1.4 Emergency telephone number:

Use your local emergency number.

SECTION 2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture according to CLP no. 1272/2008.

Skin Irrit. 2; H315, Eye Irrit. 2; H319, STOT SE 3; H335.

2.2 Label elements CLP no. 1272/2008:

Hazard pictograms:



Signal word:

Warning

Hazard statements:

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

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Precautionary statements:

Prevention:

P261 Avoid breathing mist/vapor.

P280 Wear protective gloves/eye protection.

Response:

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/ doctor if you feel unwell.

Storage:

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

Disposal:

P501 Dispose of contents/ container in accordance with national regulations.

Additional labeling:

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

2.3 Other Hazards.

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixture:

CAS/EC-no.	REACH-no.	Name	Content %	Classification CLP
7085-85-0 / 230-391-5	-	ETHYL 2-CYANOACRYLATE	80-90	Skin Irrit. 2; H315, Eye Irrit. 2; H319, STOT SE 3; H335.
9011-14-7 / 618-466-4	-	POLY(METHYL METHACRYLATE)	6-8	-
1333-86-4 / 215-609-9	-	CARBON BLACK	5	-
123-31-9 / 204-617-8	-	HYDROQUINONE	<0,1	Acute Tox. 4; H302, Skin Sens. 1; H317, Eye Dam. 1; H318, Muta 2, H341, Carc. 2; H351, Aquatic Acute 1; H400 (M=10).

3.3 Additional information:

See full text of H-phrases in section 16. Occupational limits are listed in section 8, if these are available.

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SECTION 4. FIRST AID MEASURES

4.1 Description of first aid measures:

- General information:** If any doubt or if symptoms persist, seek medical attention.
- Inhalation:** Move affected person to fresh air. Get medical attention if any discomfort continues.
- Skin contact:** Wash skin with soap and water. Remove contaminated clothing. If symptoms occur, consult a physician.
If adhesive bonding occurs, do not force skin apart. It may be gently peeled apart using a blunt object such as a spoon, preferably after soaking in warm soapy water.
- Eye contact:** Flush the eye for several minutes with water. Contact a doctor. Do not rub your eyes.
- Ingestion:** Contact a doctor. If the lips are glued together, apply plenty of warm water and gently disassemble them.

4.2 Most important symptoms and effects, both acute and delayed:

Inhalation: Irritation may occur.
In case of eye contact: Irritating to eyes.
In case of skin contact: Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Skin irritation may occur.

4.3 Indication of any immediate medical attention and special treatment needed:

Treat symptomatically. If in contact with doctor, bring this safety data sheet with you.

SECTION 5. FIRE FIGHTING MEASURES

5.1 Extinguishing media: Foam, carbon dioxide or dry powder.

Unsuitable extinguishing media:
None known.

5.2 Special hazards arising from the substance or mixture:

The product is not flammable. In case of fire, nitrogen oxides can be formed. Fire will develop smoke containing harmful gases (carbon monoxide and carbon dioxide).

5.3 Advice for firefighters: Wear self-contained breathing apparatus and protective clothing to prevent contact.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

Wear appropriate personal protective equipment – see section 8. Avoid contact with skin and eyes. Provide adequate ventilation. Avoid breathing mist/vapor. Keep unauthorized and unprotected persons away.

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6.2 Environmental precautions:

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3 Methods and material for containment and cleaning up:

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Then rinse the spillage site with plenty of water. Larger spills are to be absorbed with sand, earth or similar materials. Collected material is disposed of in accordance with section 13.

6.4 Reference to other sections:

See section 8 and 13 for further informations.

SECTION 7. HANDLING AND STORAGE

7.1 Precautions for safe handling:

Wear appropriate personal protective equipment – see section 8. Avoid contact with skin and eyes. Avoid breathing mist/vapor. Provide adequate ventilation. Do not eat, drink or smoke when using this product. Keep this product away from food and out of reach of children and pets. Remove work clothes and protective equipment before meals. The packaging is handled and opened carefully. Wash hands after handling the product. Remove contaminated clothing. Keep away from heat/sparks/open flames/hot surfaces – No smoking. Keep container tightly closed when not in use. Use only in well ventilated areas.

7.2 Conditions for safe storage, including any incompatibilities:

Keep away from all possible source of ignition. Store in a cool, dry, well ventilated location. Keep container tightly closed. Keep away from combustible materials, heat or sunlight. Keep out of the reach of children.

7.3 Specific end use(s):

This product should only be used for applications described in Section 1.2.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Occupational exposure limits EH40 (Great Britain):

CAS-no:	Name:	Limits:
7085-85-0	Ethyl 2-cyanoacrylate	Short-term exposure limit (15 minutes): 0.3 ppm – 1.5 mg/m ³
123-31-9	HYDROQUINONE	Long-term exposure limit (8 h.): 0.5 mg/m ³

DNEL:

Ethyl 2-cyanoacrylate:

Consumer - Chronic systemic - Inhalation: 9.25 mg/m³

Workers - Chronic local - Inhalation: 9.25 mg/m³

Workers - Chronic systemic - Inhalation: 9.25 mg/m³

Consumer - Chronic local - Inhalation: 9.25 mg/m³

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PNEC:

-

8.2 Exposure controls

Appropriate technical measures:

Airborne concentrations must be kept as low as possible. Provide sufficient ventilation.

General information / Hygiene measures:

Smoking, consumption of food or liquid, and storage of tobacco, food or liquid, are not allowed in the workroom. Whenever you take a break in using this product and when you have finished using it, all exposed areas of the body must be washed. Always wash hands, forearms and face. Make sure that eyewash are clearly marked. Avoid contact with eyes and skin. Avoid breathing vapor.

Personal protective equipment:

Only CE-marked personal protection equipment should be used.

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment.

Hand protection:

Wear protective gloves made of the following material: Polyethylene. Polypropylene, Viton. EN 374.

Eye protection:

Wear eye protection. EN 166.

Body protection:

Wear appropriate protective clothing.

Measures to avoid environmental exposure:

Avoid discharge to lakes, streams, sewers, etc.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

Appearance: Liquid	Color: Black	Odor: Irritating	PH: -	Viscosity: -
Flashpoint: >95°C - CC	Boiling point: >190°C	Vapor pressure: 1 Pa	Density: 0.9-1.1	Melting point: -
Thermal decomposition: -	Auto-ignition: -	Explosive limits -	Solubility in water: Insoluble	

9.2 Other information:

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SECTION 10. STABILITY AND REACTIVITY

- 10.1 Reactivity:** None under normal conditions.
- 10.2 Chemical stability:** Stable under normal storage conditions and recommended use.
- 10.3 Possibility of hazardous reactions:**
None known.
- 10.4 Conditions to avoid:** High humidity, high temperature or direct sunlight.
- 10.5 Incompatible materials:** Polymerized by contact with water, alcohols, amines, alkalies.
- 10.6 Hazardous decomposition products:**
CO₂, oxides and nitrogen and unknown hydrocarbons. .

SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological effects:

- Acute toxicity:** Not classified.
- Ethyl 2-cyanoacrylate:
Oral – LD₅₀ – Rat 24 h.: >5000 mg/kg
- Skin corrosion/irritation:** Causes skin irritation.
- Serious eye damage/irritation:** Causes serious eye irritation.
- Respiratory or skin sensitisation:** Not classified.
- Germ cell mutagenicity:** Not classified.
- Carcinogenicity:** Not classified.
- Reproductive toxicity:** Not classified.
- Specific target organ toxicity - single exposure:** May cause respiratory irritation.
- Specific target organ toxicity – repeated exposure:** Not classified.
- Aspiration hazard:** Not classified.
- Additional information:** Inhalation: Irritation may occur.
In case of eye contact: Irritating to eyes.
In case of skin contact: Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Skin irritation may occur.

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SECTION 12. ECOLOGICAL INFORMATION

- 12.1 Toxicity:** Not classified.
- Ethyl 2-cyanoacrylate:
LC50 Id (Leuciscus idus) 48 h.: 160 mg/l
- 12.2 Persistence and degradability:**
The product is biodegradable.
- 12.3 Bioaccumulative potential:**
No data.
- 12.4 Mobility in soil:** No data.
- 12.5 Result of PBT and vPvB assesment:**
No CPSR are created.
- 12.6 Other adverse effects:** None known.

SECTION 13. DISPOSAL CONSIDERATIONS

- 13.1 Waste treatment methods:**
Must be disposed of in accordance with local and national regulations. The coding of a waste stream is based on the application of the product by the consumer.
- Contaminated packing:** Packaging which contains leftovers from the product must be disposed of in the same way as the product.
Option:
15 01 10 packaging containing residues of or contaminated by dangerous substances.
15 01 02 plastic packaging.

SECTION 14. TRANSPORT INFORMATION

This product is not classified as dangerous to transport.

	ADR/RID	IMDG/IMO
14.1 UN number	-	-
14.2 UN proper shipping name	-	-
14.3 Transport hazard class(es)	-	-
14.4 Packing group	-	-

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14.5 Environmental hazards - MP	No -	No -
Other informations	LQ: - TUNNEL: -	LQ: - TUNNEL: -

14.6 Special precautions for user:

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14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:

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SECTION 15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:

Sources:

Pressure Equipment (Amendment) Regulations 2011. Chemicals (Hazard Information and Packaging for Supply) Regulations 2009. Control of Substances Hazardous to Health Regulations 2002 (as amended). Merchant Shipping (Dangerous Goods and Marine Pollutants) Regulations 1997. Reporting of Injuries, Diseases and Dangerous Occurrences Regulations 1995 (as amended). Personal Protective Equipment Regulations 2002. Personal Protective Equipment at Work Regulations 1992. Hazardous Waste (England and Wales) Regulations 2005(as amended). EC regulation 1907/2006 (REACH) Directive 2000/532/EC. Seveso directive: 96/82/EC. EU 830/2015. CLP 1272/2008.

Additional information:

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15.2 Chemical safety assessment:

Chemical safety assessments have not been performed for this product.

SECTION 16. OTHER INFORMATION

Full text of H-phrases as mentioned in section 3:

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.

Additional information:

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.

Validated by: SRS