

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

CONLOC CA 003, 040, 120, 528, 1500

Revision date: 03.05.2023

Product code: 72X

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SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

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Product group: Adhesives

1.2. Relevant identified uses of the substance or mixture and uses advised against**Use of the substance/mixture**

Adhesives

Uses advised against

None known.

1.3. Details of the supplier of the safety data sheet

Company name:	EGO Dichtstoffwerke GmbH & Co. Betriebs KG	
Street:	Kaltenbrunn 27	
Place:	D-82467 Garmisch-Partenkirchen	
Telephone:	+49 (0)8821 956 90	Telefax: +49 (0)8821 956 990
e-mail:	info@ego.de	
Contact person:	Laboratory	Telephone: +49 (0)8821 956 960
e-mail:	EGO-Labor@ego.de	
Internet:	www.ego.de	

1.4. Emergency telephone number:

+49 55119240 (24h/7d)
GIZ-Nord, Göttingen
Member of EPECs network

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****Regulation (EC) No 1272/2008**

Hazard categories:

Skin corrosion/irritation: Skin Irrit. 2

Serious eye damage/eye irritation: Eye Irrit. 2

Specific target organ toxicity - single exposure: STOT SE 3

Hazard Statements:

May cause respiratory irritation.

Causes serious eye irritation.

Causes skin irritation.

2.2. Label elements**Regulation (EC) No 1272/2008****Hazard components for labelling**

ethyl 2-cyanoacrylate

Signal word: Warning**Pictograms:****Hazard statements**

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

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Precautionary statements

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P261	Avoid inhalation of vapor.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313	If eye irritation persists: Get medical advice/attention.
P312	Call a POISON CENTER/doctor if you feel unwell.
P405	Store locked up.
P501	Dispose of contents/container in accordance with local regulation.

Special labelling of certain mixtures

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

Repeated contact may cause allergic reactions in very susceptible persons. Irritating to eyes, respiratory system and skin. Has a degreasing effect on the skin.
Reacts violently with water.

SECTION 3: Composition/information on ingredients**3.2. Mixtures****Chemical characterization**

Cyanoacrylate adhesive

Hazardous components

CAS No	Chemical name	Quantity		
	EC No	Index No	REACH No	
	Classification (Regulation (EC) No 1272/2008)			
7085-85-0	ethyl 2-cyanoacrylate			70 - 90 %
	230-391-5	607-236-00-9		
	Skin Irrit. 2, Eye Irrit. 2, STOT SE 3; H315 H319 H335			
123-31-9	1,4-dihydroxybenzene; hydroquinone; quinol			0,01 -< 0,1 %
	204-617-8	604-005-00-4		
	Carc. 2, Muta. 2, Acute Tox. 4, Eye Dam. 1, Skin Sens. 1, Aquatic Acute 1; H351 H341 H302 H318 H317 H400			

Full text of H and EUH statements: see section 16.

Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity	
	Specific Conc. Limits, M-factors and ATE			
7085-85-0	230-391-5	ethyl 2-cyanoacrylate	70 - 90 %	
	STOT SE 3; H335: >= 10 - 100			
123-31-9	204-617-8	1,4-dihydroxybenzene; hydroquinone; quinol	0,01 -< 0,1 %	
	oral: LD50 = 302 mg/kg Aquatic Acute 1; H400: M=10			

Further Information

This product does not contain any reportable Eu-listed Substances of Very High Concern (SVHC) in a concentration of >= 0,1% (Regulation (EC) No 1907/2006 (REACH), Article 59)

SECTION 4: First aid measures

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4.1. Description of first aid measures**General information**

Take off all contaminated clothing immediately.

After inhalation

Move out of dangerous area. Move to fresh air in case of accidental inhalation of vapours. If symptoms persist, call a physician.

After contact with skin

Wash off immediately with soap and plenty of water. Do not try to separate conglutinated skin parts by hand or with knife. If skin irritation persists, call a physician.

After contact with eyes

Immediately flush eye(s) with plenty of water. If easy to do, remove contact lens, if worn. If eye irritation persists, consult a specialist.

After ingestion

Clean mouth with water and drink afterwards plenty of water. Saliva slowly separates the cured product from the mouth (several hours). If swallowed, and the victim is conscious and alert, induce vomiting immediately, as directed by medical personnel.

Consult a physician. Show this safety data sheet to the doctor in attendance.

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

Cyanoacrylates give off heat during solidification. Large-scale contamination with the adhesive can generate enough heat to cause burns. Burns should be treated normally after the polymer has been carefully removed from the skin. Remove the adhesive by gently peeling it off while the contaminated area is soaked in cold water. If the clothing is stuck directly to the skin and the person has no feeling of burning, the affected area should be soaked in warm soapy water and the clothing carefully removed by peeling or rolling back. Cold water should be used if you feel burned.

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

Treat symptomatically.

Show this safety data sheet to the doctor in attendance.

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**

Water spray, Dry powder, Sand, Carbon dioxide (CO₂).

Unsuitable extinguishing media

High volume water jet

5.2. Special hazards arising from the substance or mixture

In the event of fire the following can be released: Carbon monoxide

Danger of formation of toxic Pyrolysis products.

5.3. Advice for firefighters

In the event of fire, wear self-contained breathing apparatus. In the event of fire and/or explosion do not breathe fumes.

Additional information

In the event of fire, cool tanks with water spray. Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures****General advice**

Ensure adequate ventilation. Remove all sources of ignition.

In the case of vapour formation use a respirator with filter model A.

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For non-emergency personnel

Remove from all sources of ignition. Provide adequate ventilation. Wear personal protection equipment.

For emergency responders

Wear personal protection equipment.

6.2. Environmental precautions

Do not flush into surface water or sanitary sewer system.

Prevent spreading over a wide area (e.g. by containment or oil barriers).

6.3. Methods and material for containment and cleaning up**For containment**

Cover the sewers.

For cleaning up

Small amounts: Wipe up with absorbent material (e.g. cloth, fleece).

Substantial quantities: Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

Treat the assimilated material according to the section on waste disposal.

Other information

Provide adequate ventilation.

6.4. Reference to other sections

Reference to other sections: 8, 13

SECTION 7: Handling and storage**7.1. Precautions for safe handling****Advice on safe handling**

Provide sufficient air exchange and/or exhaust in work rooms.

In case of insufficient ventilation, wear suitable respiratory equipment.

For personal protection see section 8.

Smoking, eating and drinking should be prohibited in the application area. Wash hands before breaks and at the end of workday. Protect skin by using skin protective cream.

Advice on protection against fire and explosion

Processing may lead to evolution of flammable volatiles. Keep away from heat and sources of ignition. Do not smoke.

Advice on general occupational hygiene

Do not breathe vapours/dust. Avoid contact with the skin and the eyes. When using, do not eat, drink or smoke. Wash hands before breaks and immediately after handling the product.

Use protective skin cream before handling the product.

Further information on handling

Use of automatic dispenser recommended to minimize contact with the product.

Do not use for spraying.

7.2. Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

Suitable container and packaging materials for safe storage: Plastic container of HDPE

Hints on joint storage

Incompatible with oxidizing agents.

Further information on storage conditions

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from direct sunlight.

7.3. Specific end use(s)

Adhesives

SECTION 8: Exposure controls/personal protection

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8.1. Control parameters**Additional advice on limit values**

At high concentrations the monomer vapours can cause eye and nose irritation.

8.2. Exposure controls**Appropriate engineering controls**

Ensure adequate ventilation, especially in confined areas. In case of insufficient ventilation, wear suitable respiratory equipment. (gas filter type A)

Individual protection measures, such as personal protective equipment**Eye/face protection**

Tightly fitting safety goggles

Hand protection

The data are recommendations. For more information please contact the glove supplier. For permanent contact: > 0.4 mm / butyl rubber, > 240 min (EN 374-1 / -2 / -3); > 0,4 mm / Nitrile rubber, > 120 min (EN 374-1 / -2 / -3)

Skin protection

Lightweight protective clothing

Respiratory protection

The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.

Respirator with a vapour filter (EN 141) (gas filter type A)

Thermal hazards

Do not heat the product.

Under fire conditions: Flame-resistant clothing

Low temperature resistant gloves: not required

Environmental exposure controls

not determined

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Physical state:	liquid
Colour:	colourless
Odour:	stinging
Odour threshold:	not determined
Boiling point or initial boiling point and boiling range:	150 °C
Flammability:	not determined
Lower explosion limits:	not determined
Upper explosion limits:	not determined
Flash point:	87 °C
Decomposition temperature:	not determined
pH-Value:	not applicable
Water solubility:	insoluble, Reacts violently with water.
Partition coefficient n-octanol/water:	not determined
Vapour pressure:	not determined
Density:	1,05 g/cm ³
Bulk density:	not applicable
Relative vapour density:	not determined
Particle characteristics:	not applicable

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9.2. Other information**Information with regard to physical hazard classes**

Self-ignition temperature

Gas: 500 °C

Oxidizing properties

no

Other safety characteristics

Evaporation rate: not determined

Solvent content: 0 %

SECTION 10: Stability and reactivity**10.1. Reactivity**

No dangerous reaction known under conditions of normal use.

See also section 10.3

10.2. Chemical stability

Stable under recommended storage conditions.

10.3. Possibility of hazardous reactions

Reacts with water, strong oxidizing agents, Amines, alcohols, Alkalis (alkalis).

10.4. Conditions to avoid

Do not heat the product.

10.5. Incompatible materials

See section 7

10.6. Hazardous decomposition products

No decomposition if used as directed.

Thermal decomposition can lead to release of irritating gases and vapours.

SECTION 11: Toxicological information**11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008****Acute toxicity**

Cyanoacrylate CAS-No. 7085-85-0

LD50/oral/rat = >5000 mg/kg

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
123-31-9	1,4-dihydroxybenzene; hydroquinone; quinol				
	oral	LD50 mg/kg	302	Rat	IUCLID

Irritation and corrosivity

Irritating to eyes, respiratory system and skin.

Sensitising effects

Based on available data, the classification criteria are not met.

Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met.

STOT-single exposure

May irritate the respiratory system.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

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Aspiration hazard

Inhalation may cause respiratory irritation.

Information on likely routes of exposure

Skin contact, Inhalation

Specific effects in experiment on an animal

Cyanoacrylate CAS-No. 7085-85-0

LD50/oral/rat = >5000 mg/kg

11.2. Information on other hazards**Further information**

Bonds skin instantly.

SECTION 12: Ecological information**12.1. Toxicity**

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method
123-31-9	1,4-dihydroxybenzene; hydroquinone; quinol					
	Acute fish toxicity	LC50 mg/l	0,44	96 h	Pimephales promelas	IUCLID
	Acute algae toxicity	ErC50 mg/l	0,335	72 h	Selenastrum capricornutum	IUCLID
	Acute crustacea toxicity	EC50 mg/l	0,29	48 h	Daphnia magna	

12.2. Persistence and degradability

No data is available on the product itself.

12.3. Bioaccumulative potential

No indication of bioaccumulation potential.

12.4. Mobility in soil

The cured material is immobile.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

The substances in the mixture do not meet the PBT / vPvB criteria according to REACH, Annex XIII.

12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

12.7. Other adverse effects

We have no quantitative data concerning the ecological effects of this product. Do not allow uncontrolled leakage of product into the environment.

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Disposal recommendations**

The following Waste Codes are only suggestions: The waste key according to the European Waste Catalogue (EWC number) refers to the real wastes origin and therefore is not product- but use-oriented.

List of Wastes Code - residues/unused products

080409 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU of adhesives and sealants (including waterproofing products); waste adhesives and sealants containing organic solvents or other hazardous substances; hazardous waste

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List of Wastes Code - contaminated packaging

150110 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); packaging containing residues of or contaminated by hazardous substances; hazardous waste

Contaminated packaging

Non-cleanable packaging must be disposed of in the same way as the substance. Non-contaminated packagings can be reused.

SECTION 14: Transport information**Land transport (ADR/RID)**

14.1. UN number or ID number: No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.
14.4. Packing group: No dangerous good in sense of this transport regulation.

Marine transport (IMDG)

14.1. UN number or ID number: No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.
14.4. Packing group: No dangerous good in sense of this transport regulation.
Marine pollutant: no

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number or ID number: UN 3334
14.2. UN proper shipping name: Air transport, regulated, liquids, n.o.s. (Cyanoacrylates)[only for more than 0,5l]
14.3. Transport hazard class(es): 9
14.4. Packing group: III
Hazard label: 9



Special Provisions: A27
Limited quantity Passenger: 30 kg G
IATA-packing instructions - Passenger: 964
IATA-max. quantity - Passenger: 450 L
IATA-packing instructions - Cargo: 964
IATA-max. quantity - Cargo: 450 L

Other applicable information (air transport)

E1
Y964

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user

see chapter 6 - 8.

14.7. Maritime transport in bulk according to IMO instruments

not applicable

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulatory information**

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Restrictions on use (REACH, annex XVII):

Entry 3, Entry 75

2004/42/EC (VOC): 0 %

National regulatory information

Water hazard class (D): 1 - slightly hazardous to water

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information**Changes**

This data sheet contains changes from the previous version in section(s): 6,7,8,9,11,12,16.

Abbreviations and acronyms

CLP: Classification, labelling and Packaging

REACH: Registration, Evaluation and Authorization of Chemicals

GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals

UN: United Nations

CAS: Chemical Abstracts Service

DNEL: Derived No Effect Level

DMEL: Derived Minimal Effect Level

PNEC: Predicted No Effect Concentration

ATE: Acute toxicity estimate

LC50: Lethal concentration, 50%

LD50: Lethal dose, 50%

LL50: Lethal loading, 50%

EL50: Effect loading, 50%

EC50: Effective Concentration 50%

ErC50: Effective Concentration 50%, growth rate

NOEC: No Observed Effect Concentration

BCF: Bio-concentration factor

PBT: persistent, bioaccumulative, toxic

vPvB: very persistent, very bioaccumulative

ADR: Accord européen sur le transport des marchandises dangereuses par Route

(European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Regulations concerning the international carriage of dangerous goods by rail

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

(Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures)

IMDG: International Maritime Code for Dangerous Goods

EmS: Emergency Schedules

MFAG: Medical First Aid Guide

IATA: International Air Transport Association

ICAO: International Civil Aviation Organization

MARPOL: International Convention for the Prevention of Marine Pollution from Ships

IBC: Intermediate Bulk Container

VOC: Volatile Organic Compounds

SVHC: Substance of Very High Concern

Relevant H and EUH statements (number and full text)

H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.

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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.

Further Information

This recommendation is only valid for the product mentioned in the safety data sheet and provided by us and for the application specified by us.

Moreover, national legislation has to be obeyed!

These data describe only the safety requirements for the product(s) and are based on our present knowledge. However, they do not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)