



**Product Name: uniglue/2**

REF: 39503

Date of print: 23.07.2021    Date of last alteration: 23.07.2021

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## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

uniglue/2

#### Contains:

Ethyl 2-cyanoacrylate.

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

#### General use:

Adhesive

### 1.3. Details of the supplier of the safety data sheet

Manufacturer/distributor: egger Otoplastik+Labortechnik GmbH

Street/POB-No.: Aybühlweg 59

Postal code/city/country: 87439 Kempten/Germany

Telephone: +49 831 58113-60

Telefax: +49 831 58113-14

Internet: [www.egger.online](http://www.egger.online)

E-mail: [sales@egger.online](mailto:sales@egger.online)

### 1.4. Emergency telephone number: +49 89 19240

Emergency number: Munich, Germany, toxicological dep. of the II. Med. Hospital)

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

#### Classification according to EC regulation 1272/2008 (CLP)

Skin Irrit. 2;      H315    Causes skin irritation.

Eye Irrit. 2;      H319    Causes serious eye irritation.

STOT SE 3;      H335    May cause respiratory irritation.

### 2.2. Label elements

#### Labelling (CLP)



#### Signal word:

Warning

#### Hazard statement:

H315    Causes skin irritation.

H319    Causes serious eye irritation.

H335    May cause respiratory irritation.

#### Precautionary statement:

P102    Keep out of reach of children.

P261    Avoid breathing mist/vapours/spray.

P271    Use only outdoors or in a well-ventilated area.

P280    Wear protective gloves/protective clothing/eye protection.

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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.

P405 Store locked up.

P501 Dispose of contents/container to hazardous or special waste collection point.

**Special labelling**

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

**Text for labelling:**

Contains Ethyl 2-cyanoacrylate.

**2.3 Other hazards**

Special danger of slipping by leaking/spilling product.

**Results of PBT and vPvB assessment:**

This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

**SECTION 3: Composition/information on ingredients**

**3.1 Substances:** not applicable

**3.2. Mixtures**

**Chemical characterisation:** Mixture of the substances listed below with non-hazardous additions:

**Hazardous ingredients:**

Ingredient	Designation	Content	Classification
REACH 01-2119527766-29-xxxx EC No. 230-391-5 CAS 7085-85-0	Ethyl 2-cyanoacrylate	70 - 90 %	Skin Irrit. 2; H315. Eye Irrit. 2; H319. STOT SE 3; H335.
EC No. 204-617-8 CAS 123-31-9	Hydroquinone	< 0.1 %	Acute Tox. 4; H302. Eye Dam. 1; H318. Skin Sens. 1; H317. Muta. 2; H341. Carc. 2; H351. Aquatic Acute 1; H400 (M-factor = 10).

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

**SECTION 4: First aid measures****4.1. Description of first aid measures****General information:**

If medical advice is needed, have product container or label at hand. Cyanoacrylate - Danger - skin and eyelids will stick together in seconds. Take off contaminated clothing and wash it before reuse.

**In case of inhalation:**

Move victim to fresh air, put at rest and loosen restrictive clothing. Seek medical attention.

**Following skin contact:**

Thoroughly wash skin with soap and water. In case of skin reactions, consult a physician.

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Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Remove contact lenses, if present and easy to do. Continue rinsing. Subsequently seek the immediate attention of an ophthalmologist. Do not attempt to pull apart bonded eyelid.

**After swallowing:**

Do not induce vomiting. Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person. Seek medical attention.

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

Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation.

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

Treat symptomatically.

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

Water spray jet, extinguishing powder, foam, carbon dioxide.

**Extinguishing media which must not be used for safety reasons:**

Full water jet.

**5.2 Special hazards arising from the substance or mixture**

Combustible. On contact with air, potentially explosive mixtures may develop. In case of strong heating/In case of fire may be liberated: Cyanides, nitrogen oxides (NOx), carbon monoxide and carbon dioxide.

**5.3 Advice for firefighters****Special protective equipment for firefighters:**

Wear self-contained positive pressure breathing apparatus and full firefighting protective clothing.

**Additional information:**

Hazchem-Code: -

Use fine water spray to cool endangered containers. You have to dispose of contaminated extinguishing water according to the regulations of the authorities.

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

Do not breathe mist/vapours/spray. Avoid contact with the substance. If possible, eliminate leakage. Provide adequate ventilation. Wear appropriate protective equipment. Keep unprotected people away. Take off contaminated clothing and wash it before reuse.

**6.2 Environmental precautions**

Do not allow to enter into ground-water, surface water or drains.

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

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents) and place in closed containers for disposal. Plug leak if safely possible.

**Additional information:** Special danger of slipping by leaking/spilling product.

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Refer additionally to section 8 and 13.

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

Provide adequate ventilation, and local exhaust as needed. Do not breathe mist/vapours/spray. Do not get in eyes, on skin, or on clothing. Wear appropriate protective equipment. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Take off contaminated clothing and wash it before reuse. Have eye wash bottle or eye rinse ready at work place.

**Precautions against fire and explosion:**

Keep away from heat. When handling larger quantities, take precautionary measures against electrostatic charging.

**7.2 Conditions for safe storage, including any incompatibilities****Requirements for storerooms and containers:**

Keep container dry, tightly closed and store at cool and aired place. Keep only in original container.

**Hints on joint storage:**

Do not store together with strong oxidizing agents or strong acids.

Keep away from food, drink and animal feedingstuffs.

**7.3 Specific end use(s)**

No information available.

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Occupational exposure limit values:**

CAS No.	Designation	Type	Limit value
7085-85-0	Ethyl 2-cyanoacrylate	Great Britain: WEL-STEL Ireland: 15 minutes	1.5 mg/m <sup>3</sup> ; 0.3 ppm 1 ppm
123-31-9	Hydroquinone	Ireland: 8 hours Great Britain: WEL-TWA Ireland: 8 hours	0.2 ppm 0.5 mg/m <sup>3</sup> 0.5 mg/m <sup>3</sup>

**8.2. Exposure controls:**

Provide good ventilation and/or an exhaust system in the work area.

**Personal protection equipment****Occupational exposure controls****Respiratory protection:**

Respiratory protection in case of aerosol or vapour formation. The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product.

**Hand protection:**

Protective gloves according to EN 374.

Glove material: nitrile rubber

Layer thickness:  $\geq$  0.4 mm

Breakthrough time:  $>$  480 min.

Observe glove manufacturer's instructions concerning penetrability and breakthrough time.

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Tightly sealed goggles according to EN 166.

**Body protection:**

Wear suitable protective clothing.

**General protection and hygiene measures:**

Do not breathe mist/vapours/spray. Do not get in eyes, on skin, or on clothing. Take off contaminated clothing and wash it before reuse. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Have eye wash bottle or eye rinse ready at work place.

**Environmental exposure controls**

Refer to „6.2 Environmental precautions“.

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

Appearance:	Physical state at 20 °C and 101.3 kPa: liquid Colour: colourless
Odour:	Stinging
Odour threshold:	No data available
pH value:	No data available
Melting point/freezing point:	No data available
Initial boiling point and boiling range:	150 °C
Flash point/flash point range:	87 °C
Evaporation rate:	No data available
Flammability:	No data available
Explosion limits:	No data available
Vapour pressure:	No data available
Vapour density:	No data available
Density:	1.05 g/mL
Solubility:	Soluble in: acetone
Water solubility:	Insoluble
Partition coefficient: n-octanol/water:	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity, kinematic:	No data available
Explosive properties:	No data available
Oxidizing characteristics:	No data available

**9.2. Other information****Ignition temperature:** 500 °C

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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Refer to subsection „Possibility of hazardous reactions“.

### 10.2 Chemical stability

Stable under recommended storage conditions.

### 10.3 Possibility of hazardous reactions

Contact with the following materials leads to a violent reaction: Water, humidity - Polymerization along with heat production.

### 10.4 Conditions to avoid

Protect from moisture contamination. Avoid open flames. Protect from frost, heat and sunlight.

### 10.5 Incompatible materials

Strong oxidizing agents, strong acids.

### 10.6 Hazardous decomposition products

No decomposition when used properly.

**Thermal decomposition:** No data available.

## SECTION 11: Toxicological information

**Acute toxicity:** LD50 rat, oral: 5000 mg/kg  
LD50 Rabbit, dermal: 2000 mg/kg

### Toxicological effects:

The statements are derived from the properties of the single components. No toxicological data is available for the product as such.

**Acute toxicity (oral):** Based on available data, the classification criteria are not met.

**Acute toxicity (dermal):** Based on available data, the classification criteria are not met.

**Acute toxicity (inhalative):** Lack of data.

**Skin corrosion/irritation:** Skin Irrit. 2; H315 = Causes skin irritation.

**Serious eye damage/irritation:** Eye Irrit. 2; H319 = Causes serious eye irritation.

**Sensitisation to the respiratory tract:** Based on available data, the classification criteria are not met.

**Skin sensitisation:** Based on available data, the classification criteria are not met.

**Germ cell mutagenicity/Genotoxicity:** Based on available data, the classification criteria are not met.

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

**Reproductive toxicity:** Based on available data, the classification criteria are not met.

**Effects on or via lactation:** Based on available data, the classification criteria are not met.

**Specific target organ toxicity (single exposure):** STOT SE 3; H335 = May cause respiratory irritation.

**Specific target organ toxicity (repeated exposure):** Based on available data, the classification criteria are not met.

**Aspiration hazard:** Based on available data, the classification criteria are not met.

### Symptoms

In case of inhalation: Thoracic oppression, cough

In case of ingestion: Stomachache, nausea, redness.

After contact with skin: Irritation and redness may occur.

After eye contact: Upon direct contact with eyes may cause burning, tearing, redness.



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## SECTION 12: Ecological information

### 12.1 Toxicity

Further details: No data available.

### 12.2 Persistence and degradability

Further details: Product is biodegradable.

### 12.3 Bioaccumulative potential

Bioaccumulation is unlikely.

### Partition coefficient: n-octanol/water:

No data available.

### 12.4 Mobility in soil

No data available.

### 12.5 Results of PBT and vPvB assessment

This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

### 12.6 Other adverse effects

**General information:** Do not allow to enter into ground-water, surface water or drains.

## SECTION 13: Disposal considerations

### Product

#### Waste key number:

08 04 09\*      = Waste adhesives and sealants containing organic solvents or other dangerous substances  
MFSU = manufacture, formulation, supply and use  
\* = Evidence for disposal must be provided.

#### Recommendation:

Incinerate as hazardous waste according to applicable local, state, and federal regulations.

### Package

#### Recommendation:

Dispose of waste according to applicable legislation. Non-contaminated packages may be recycled.

## SECTION 14: Transport information

### 14.1 UN number

ADR/RID, IMDG, IATA-DGR: not applicable

### 14.2 UN proper shipping name

ADR/RID, IMDG, IATA-DGR: Not restricted

### 14.3 Transport hazard class(es)

ADR/RID, IMDG, IATA-DGR: not applicable

### 14.4 Packing group

ADR/RID, IMDG, IATA-DGR: not applicable



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### 14.5 Environmental hazards

Marine pollutant: no

### 14.6 Special precautions for user

No dangerous good in sense of these transport regulations.

### 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

No data available.

## SECTION 15: Regulatory information

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

#### National regulations - Great Britain

Hazchem-Code: -

No data available

#### National regulations - EC member states

Volatile organic compounds (VOC): 2 % by weight = 20 g/L

#### Labelling of packaging with <= 125mL content



Signal word: **Warning**

#### Hazard statements:

H335 May cause respiratory irritation.

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

#### Precautionary Statements:

P102 Keep out of reach of children.

P261 Avoid breathing mist/vapours/spray.

P271 Use only outdoors or in a well-ventilated area.

P312 Call a POISON CENTER/doctor if you feel unwell.

P405 Store locked up.

P501 Dispose of contents/container to hazardous or special waste collection point.

#### Further regulations, limitations and legal requirements:

Use restriction according to REACH annex XVII, no.: 3, 75

### 15.2 Chemical Safety Assessment

For this mixture a chemical safety assessment is not required.



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## SECTION 16: Other information

### Further information

#### Wording of the H-phrases under paragraph 2 and 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.

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

#### Abbreviations and acronyms:

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

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

AS/NZS: Australian Standards/New Zealand Standards

CAS: Chemical Abstracts Service

CFR: Code of Federal Regulations

CLP: Classification, Labelling and Packaging

DMEL: Derived minimal effect level

DNEL: Derived no-effect level

EC: European Community

EN: European Standard

EU: European Union

MFSU: Manufacture, formulation, supply and use

IATA: International Air Transport Association

IBC Code: International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk

IMDG Code: International Maritime Dangerous Goods Code

LD50: Lethal dose 50%

MARPOL: Maritime Pollution: The International Convention for the Prevention of Pollution from Ships

M-factor: Multiplication factor

OSHA: Occupational Safety and Health Administration

PBT: Persistent, bioaccumulative and toxic

PNEC: Predicted no-effect concentration

REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals

RID: Regulations Concerning the International Carriage of Dangerous Goods by Rail

STOT SE: Specific target organ toxicity - single exposure

UN: United Nations

vPvB: Very persistent and very bioaccumulative

#### Department issuing data sheet

Contact person: see section 1: Department responsible for information

The information in this data sheet has been established to our best knowledge and was up-to-date at time of revision. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.