



## Product Name: uniglue/2

REF: 39503

Date of print: 26.10.2023 Date of last alteration: 26.10.2023



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

#### 1.1. Product identifier

uniglue/2 UFI: JY10-Y0JM-W007-8G6X

#### 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.eggeronline.com  
E-mail: sales@eggeronline.com

#### 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:

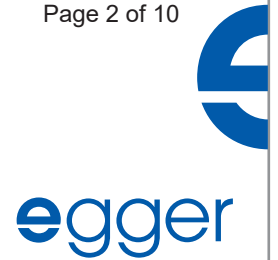
P102 Keep out of reach of children.  
P261 Avoid breathing mist/vapours/spray.  
P271 Use only outdoors or in a well-ventilated area.  
P280 Wear protective gloves/protective clothing/eye protection.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, 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.



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### 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.

### Endocrine disrupting properties, Results of PBT and vPvB assessment:

The product does not contain any as PBT or vPvB classified substances.

## 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:

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

**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.  
Cyanacrylate - 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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### After eye contact:

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 (NO<sub>x</sub>), 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:

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.

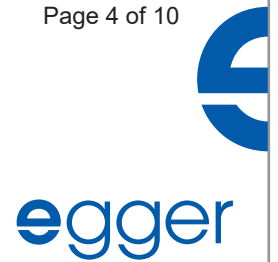
**Additional information:** Special danger of slipping by leaking/spilling product.



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### 6.4. Reference to other sections

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 | Ireland: 15 minutes<br>Ireland: 8 hours | 1 ppm<br>0.2 ppm      |
| 123-31-9  | Hydroquinone          | Ireland: 8 hours                        | 0.5 mg/m <sup>3</sup> |

#### DNEL/DMEL:

Information about Ethyl 2-cyanoacrylate:

DNEL workers, systemic, long-term, inhalative: 9.25 mg/m<sup>3</sup>

DNEL workers, systemic, short-term, inhalative: 9.25 mg/m<sup>3</sup>

DNEL workers, local, long-term, inhalative: 9.25 mg/m<sup>3</sup>

DNEL workers, local, short-term, inhalative: 9.25 mg/m<sup>3</sup>

DNEL consumers, systemic, long-term, inhalative: 9.25 mg/m<sup>3</sup>

DNEL consumers, systemic, short-term, inhalative: 9.25 mg/m<sup>3</sup>

DNEL consumers, local, long-term, inhalative: 9.25 mg/m<sup>3</sup>

DNEL consumers, local, short-term, inhalative: 9.25 mg/m<sup>3</sup>

### 8.2. Exposure controls:

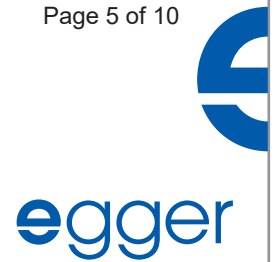
Provide good ventilation and/or an exhaust system in the work area.



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### 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.

#### Eye protection:

Tightly sealed goggles according to BS EN ISO 16321-1:2022.

#### 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

|   |                     |
|---|---------------------|
| Physical state at 20 °C and 101.3 kPa         | liquid              |
| Colour:                                       | colourless          |
| Odour:  | Stinging            |
| Odour threshold:                              | No data available   |
| Melting point/freezing point:                 | No data available   |
| Initial boiling point and boiling range:      | 150 °C              |
| Flammability:                                 | No data available   |
| Upper/lower flammability or explosive limits: | No data available   |
| Flash point/flash point range:                | 87 °C               |
| Auto-ignition temperature:                    | 500 °C              |
| Decomposition temperature:                    | No data available   |
| pH:   | No data available   |
| Viscosity, kinematic:                         | No data available   |
| Solubility:                                   | Soluble in: acetone |
| Water solubility:                             | Insoluble           |
| Partition coefficient: n-octanol/water:       | No data available   |
| Vapour pressure:                              | No data available   |



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|                           |                   |
|---------------------------|-------------------|
| Density:                  | 1.05 g/mL         |
| Vapour density:           | No data available |
| Particle characteristics: | Not applicable    |

### 9.2. Other information

**Explosive properties:** No data available  
**Oxidizing characteristics:** No data available  
**Auto-ignition temperature:** No data available  
**Evaporation rate:** No data available

## 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

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

**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.



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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.

### 11.2 Information on other hazards

Endocrine disrupting properties: None

### 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.

## 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

The product does not contain any as PBT or vPvB classified substances.

### 12.6 Endocrine disrupting properties

**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  
\* = 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.

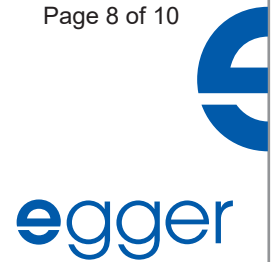
Non-contaminated packages may be recycled.



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### SECTION 14: Transport information

#### 14.1 UN number or ID number

ADR/RID, IMDG: not applicable  
IATA-DGR: UN 3334

#### 14.2 UN proper shipping name

ADR/RID, IMDG: Not restricted  
IATA-DGR: UN 3334, AVIATION REGULATED LIQUID, N.O.S. (Ethyl 2-cyanoacrylate)

#### 14.3 Transport hazard class(es)

ADR/RID, IMDG: not applicable  
IATA-DGR: Class 9

#### 14.4 Packing group

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

#### 14.5 Environmental hazards

##### Dangerous for the environment:

Substance/mixture is not environmentally hazardous according to the criteria of the UN model regulations.

Marine pollutant: no

#### 14.6 Special precautions for user

##### Air transport (IATA)

Hazard label: Miscellaneous  
Excepted Quantity Code: E1  
Passenger and Cargo Aircraft: Ltd.Qty.: Pack.Instr. Y964 - Max. Net Qty/Pkg. 30 kg G  
Passenger and Cargo Aircraft: Pack.Instr. 964 - Max. Net Qty/Pkg. 450 L  
Cargo Aircraft only: Pack.Instr. 964 - Max. Net Qty/Pkg. 450 L  
Special Provisions: A27  
Emergency Response Guide-Code (ERG): 9A

#### 14.7 Maritime transport in bulk according to IMO instruments

No data available.

### SECTION 15: Regulatory information

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

##### National regulations - EC member states

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

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



Signal word: **Warning**





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### 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.

## 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.

### Reason of change:

Changes in section 8: DNEL

### Department issuing data sheet:

see section 1: Department responsible for information

### Abbreviations and acronyms:

Acute Tox.: Acute toxicity

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

Aquatic Acute: Hazardous to the aquatic environment - acute

AS/NZS: Australian Standards/New Zealand Standards

Carc.: Carcinogenicity

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



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EN: European Standard  
EQ: Excepted quantities  
EU: European Union  
Eye Dam.: Eye damage  
Eye Irrit.: Eye irritation  
IATA: International Air Transport Association  
IATA-DGR: International Air Transport Association – Dangerous Goods Regulations  
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  
Muta.: Mutagenicity  
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  
Skin Irrit.: Skin irritation  
Skin Sens.: Skin sensitisation  
STOT SE: Specific target organ toxicity - single exposure  
TRGS: Technical Rules for Hazardous Substances  
UN: United Nations  
vPvB: Very persistent and very bioaccumulative

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.