

**SAFETY DATA SHEET**

CYANOACRYLATE

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Compilation date: 02/05/2018

Revision No: 8

**Section 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier****Product name:** CYANOACRYLATE**REACH registered number(s):** 01-2119527766-29-0001**CAS number:** 7085-85-0**Index number:** 607-236-00-9**Product code:** E525,540,550,570,600,610,620,630,640,700; F670,671; HT560,565; M580**1.2. Relevant identified uses of the substance or mixture and uses advised against****Use of substance / mixture:** PC1: Adhesives, sealants.**1.3. Details of the supplier of the safety data sheet****Company name:** EURO-LOCK Vertriebs-GmbH

Nordweststr. 3

D-59387 Ascheberg

Tel.: +49 (0) 2593 95887-0

E-Mail: info@euro-lock.de

**Auskunftgebender Bereich:**

Tel.: +49 (0) 2593 95887-0

E-Mail: info@euro-lock.de

**1.4. Emergency telephone number: +49 (0) 2593 95887-0 Monday - Thursday 8:00 - 17:00 CET, Friday 8:00 - 13:00 CET****Section 2: Hazards identification****2.1. Classification of the substance or mixture****Classification under CLP:** STOT SE 3: H335; Eye Irrit. 2: H319; Skin Irrit. 2: H315; -: EUH202**Most important adverse effects:** Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation. Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children.**2.2. Label elements****Label elements:****Hazard statements:** H315: Causes skin irritation.

H319: Causes serious eye irritation.

H335: May cause respiratory irritation.

[cont...]

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

**Hazard pictograms:** GHS07: Exclamation mark



**Signal words:** Warning

**Precautionary statements:** P280: Wear protective gloves/protective clothing/eye protection/face protection.

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. Continue rinsing.

P321: Specific treatment (see instructions on this label)

P362+P364: Take off contaminated clothing and wash it before reuse.

**2.3. Other hazards**

**PBT:** This product is not identified as a PBT/vPvB substance.

**Section 3: Composition/information on ingredients****3.2. Mixtures****Hazardous ingredients:**

ETHYL-2-CYANOACRYLATE

| EINECS    | CAS       | PBT / WEL | CLP Classification  | Percent |
|-----------|-----------|-----------|---|---------|
| 230-391-5 | 7085-85-0 | -         | Eye Irrit. 2: H319; STOT SE 3: H335;<br>Skin Irrit. 2: H315 | 70-90%  |

**Non-classified ingredients:**

HYDROQUINONE

| EINECS    | CAS      | PBT / WEL | CLP Classification  | Percent |
|-----------|----------|-----------|---|---------|
| 204-617-8 | 123-31-9 | -         | Carc. 2: H351; Muta. 2: H341; Acute<br>Tox. 4: H302; Eye Dam. 1: H318; Skin<br>Sens. 1: H317; Aquatic Acute 1: H400 | <1%     |

**Section 4: First aid measures****4.1. Description of first aid measures**

**Skin contact:** Wash immediately with plenty of soap and water.

**Eye contact:** Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

**Ingestion:** Wash out mouth with water.

[cont...]

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**Inhalation:** Not applicable.

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

**Skin contact:** There may be irritation and redness at the site of contact.

**Eye contact:** There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.

**Ingestion:** There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

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

**Immediate / special treatment:** Not applicable.

## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

### 5.2. Special hazards arising from the substance or mixture

**Exposure hazards:** In combustion emits toxic fumes.

### 5.3. Advice for fire-fighters

**Advice for fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

## Section 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions:** Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Turn leaking containers leak-side up to prevent the escape of liquid.

### 6.2. Environmental precautions

**Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.

### 6.3. Methods and material for containment and cleaning up

**Clean-up procedures:** Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

### 6.4. Reference to other sections

**Reference to other sections:** Refer to section 8 of SDS.

## Section 7: Handling and storage

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**7.1. Precautions for safe handling**

**Handling requirements:** Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area.  
Avoid the formation or spread of mists in the air.

**7.2. Conditions for safe storage, including any incompatibilities**

**Storage conditions:** Store in a cool, well ventilated area. Keep container tightly closed.

**7.3. Specific end use(s)**

**Specific end use(s):** Commercial use

**Section 8: Exposure controls/personal protection****8.1. Control parameters**

**Hazardous ingredients:**

ETHYL-2-CYANOACRYLATE

**Workplace exposure limits:**

**Respirable dust**

| State | 8 hour TWA | 15 min. STEL          | 8 hour TWA | 15 min. STEL |
|-------|------------|-----------------------|------------|--------------|
| UK    | -          | 1.5 mg/m <sup>3</sup> | -          | -            |

**Non-classified ingredients:**

HYDROQUINONE

**Workplace exposure limits:**

**Respirable dust**

| State | 8 hour TWA            | 15 min. STEL | 8 hour TWA | 15 min. STEL |
|-------|-----------------------|--------------|------------|--------------|
| UK    | 0.5 mg/m <sup>3</sup> | -            | -          | -            |

**DNEL/PNEC Values**

**DNEL / PNEC** No data available.

**8.2. Exposure controls**

**Engineering measures:** Ensure there is sufficient ventilation of the area.

**Respiratory protection:** Self-contained breathing apparatus must be available in case of emergency.

**Hand protection:** Protective gloves.

**Eye protection:** Tightly fitting safety goggles. Ensure eye bath is to hand.

**Skin protection:** Protective clothing.

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

**State:** Liquid

**Colour:** Colourless

**Odour:** Irritating odour

**Evaporation rate:** No data available.

**Oxidising:** No data available.

[cont...]

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**Solubility in water:** Insoluble**Also soluble in:** Acetone.**Viscosity:** No data available.**Boiling point/range°C:** 150**Melting point/range°C:** No data available.**Flammability limits %: lower:** No data available.**upper:** No data available.**Flash point°C:** 87**Part.coeff. n-octanol/water:** No data available.**Autoflammability°C:** 500**Vapour pressure:** No data available.**Relative density:** 1.05g/cm<sup>3</sup>**pH:** No data available.**VOC g/l:** 20**9.2. Other information****Other information:** No data available.**Section 10: Stability and reactivity****10.1. Reactivity****Reactivity:** Stable under recommended transport or storage conditions.**10.2. Chemical stability****Chemical stability:** Stable under normal conditions.**10.3. Possibility of hazardous reactions****Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions.

Decomposition may occur on exposure to conditions or materials listed below.

**10.4. Conditions to avoid****Conditions to avoid:** Heat.**10.5. Incompatible materials****Materials to avoid:** Strong oxidising agents. Strong acids.**10.6. Hazardous decomposition products****Haz. decomp. products:** In combustion emits toxic fumes.**Section 11: Toxicological information****11.1. Information on toxicological effects****Toxicity values:**

| Route  | Species | Test                | Value | Units |
|--------|---------|---------------------|-------|-------|
| DERMAL | RBT     | LD50                | 2000  | mg/kg |
| ORAL   | RAT     | LD50                | 5000  | mg/kg |
| DERMAL | RBT     | OECD Test Guideline | 24    | h     |

[cont...]

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|      |     |                     |    |   |
|------|-----|---------------------|----|---|
| Eyes | RBT | OECD Test Guideline | 72 | h |
|------|-----|---------------------|----|---|

**Hazardous ingredients:****ETHYL-2-CYANOACRYLATE**

|     |     |      |    |       |
|-----|-----|------|----|-------|
| ORL | RAT | LD50 | >5 | ml/kg |
|-----|-----|------|----|-------|

**Non-classified ingredients:****HYDROQUINONE**

|     |     |      |     |       |
|-----|-----|------|-----|-------|
| ORL | MUS | LD50 | 150 | mg/kg |
| ORL | RAT | LD50 | 720 | mg/kg |
| SCU | RAT | LDLO | 300 | mg/kg |

**\* Relevant hazards for product:**

| Hazard                        | Route | Basis                 |
|-------------------------------|-------|-----------------------|
| Skin corrosion/irritation     | DRM   | Hazardous: calculated |
| Serious eye damage/irritation | OPT   | Hazardous: calculated |
| STOT-single exposure          | INH   | Hazardous: calculated |

**Excluded hazards for substance:**

| Hazard                         | Route | Basis   |
|--------------------------------|-------|---|
| Respiratory/skin sensitisation | -     | Classified as non-hazardous because of lack of data             |
| Germ cell mutagenicity         | -     | Based on available data the classification criteria are not met |
| Reproductive toxicity          | -     | Classified as non-hazardous because of lack of data             |
| STOT-repeated exposure         | -     | Classified as non-hazardous because of lack of data             |
| Aspiration hazard              | -     | Classified as non-hazardous because of lack of data             |

**Symptoms / routes of exposure**

**Skin contact:** There may be irritation and redness at the site of contact.

**Eye contact:** There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.

**Ingestion:** There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

[cont...]

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**Section 12: Ecological information****12.1. Toxicity****Ecotoxicity values:** No data available.**12.2. Persistence and degradability****Persistence and degradability:** Biodegradable.**12.3. Bioaccumulative potential****Bioaccumulative potential:** No bioaccumulation potential.**12.4. Mobility in soil****Mobility:** Readily absorbed into soil.**12.5. Results of PBT and vPvB assessment****PBT identification:** This product is not identified as a PBT/vPvB substance.**12.6. Other adverse effects****Other adverse effects:** Negligible ecotoxicity.**Section 13: Disposal considerations****13.1. Waste treatment methods****Disposal operations:** Transfer to a suitable container and arrange for collection by specialised disposal company.**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.**Section 14: Transport information****Transport class:** This product does not require a classification for transport.**Section 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****Specific regulations:** This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830**15.2. Chemical Safety Assessment****Chemical safety assessment:** A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.**Section 16: Other information****Other information****Other information:** \* indicates text in the SDS which has changed since the last revision.**Phrases used in s.2 and s.3:** EUH202: Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children.

[cont...]

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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.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.