

## SAFETY DATA SHEET

CYANOACRYLATE

Page: 1

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...]

**SAFETY DATA SHEET**

ETHYL CYANOACRYLATE

Page: 2

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; 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 Tox. 4: H302; Eye Dam. 1: H318; Skin 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...]

**SAFETY DATA SHEET**

ETHYL CYANOACRYLATE

Page: 3

**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**

[cont...]

**SAFETY DATA SHEET**

ETHYL CYANOACRYLATE

Page: 4

**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...]

**SAFETY DATA SHEET**

ETHYL CYANOACRYLATE

Page: 5

**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...]

**SAFETY DATA SHEET**

ETHYL CYANOACRYLATE

Page: 6

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.

**SAFETY DATA SHEET**

ETHYL CYANOACRYLATE

Page: 7

**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...]

## SAFETY DATA SHEET

ETHYL CYANOACRYLATE

Page: 8

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.