

SAFETY DATA SHEET

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Compilation date: 20/06/2018

Revision No: 1

Section 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier****Product name:** LOS305 Powerbond / Hardener**1.2. Relevant identified uses of the substance or mixture and uses advised against****1.3. Details of the supplier of the safety data sheet****Company name:** EURO-LOCK Vertriebs-GmbH

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59387 Ascheberg

Germany

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Auskunftgebender**Bereich:**

E-Mail: info@euro-lock.de

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

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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:** Flam. Liq. 2: H225; Skin Irrit. 2: H315; Skin Sens. 1: H317; STOT SE 3: H335**Most important adverse effects:** Highly flammable liquid and vapour. Causes skin irritation. May cause an allergic skin reaction. May cause respiratory irritation.**2.2. Label elements****Label elements:****Hazard statements:** H225: Highly flammable liquid and vapour.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H335: May cause respiratory irritation.

Hazard pictograms: GHS02: Flame

GHS07: Exclamation mark

**Signal words:** Danger**Precautionary statements:** P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

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P241: Use explosion-proof equipment.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352: IF ON SKIN: Wash with plenty of water.

P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing.

Rinse skin with water .

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:**

METHYL METHACRYLATE

EINECS	CAS	PBT / WEL	CLP Classification	Percent
201-297-1	80-62-6	-	Flam. Liq. 2: H225; STOT SE 3: H335; Skin Irrit. 2: H315; Skin Sens. 1: H317	70-90%

ADHESIVE ACTIVATOR

-	34562-31-7	-	Skin Irrit. 2: H315; Eye Irrit. 2: H319	1-10%
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Section 4: First aid measures**4.1. Description of first aid measures****Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water. Consult a doctor.**Eye contact:** Bathe the eye with running water for 15 minutes. Consult a doctor.**Ingestion:** Wash out mouth with water. Consult a doctor.**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.**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 irritation and redness. The eyes may water profusely.**Ingestion:** There may be soreness and redness of the mouth and throat.**Inhalation:** Exposure may cause coughing or wheezing.**Delayed / immediate effects:** Delayed effects can be expected after long-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: 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**7.1. Precautions for safe handling**

Handling requirements: Avoid direct contact with the substance. 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**

Workplace exposure limits: No data available.

DNEL/PNEC Values

DNEL / PNEC No data available.

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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: Impermeable gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Impermeable protective clothing.

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

State: Liquid

Colour: Green

Odour: Characteristic odour

Viscosity: Highly viscous

Flash point°C: 11

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**

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Hazardous ingredients:**METHYL METHACRYLATE**

IPR	RAT	LD50	1328	mg/kg
ORL	MUS	LD50	3625	mg/kg
ORL	RAT	LD50	7872	mg/kg

ADHESIVE ACTIVATOR

DERMAL	RBT	LD50	>1000	mg/kg
ORAL	RAT	LD50	>500	mg/kg

Relevant hazards for product:

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
Respiratory/skin sensitisation	DRM	Hazardous: calculated
STOT-single exposure	INH	Hazardous: calculated

Symptoms / routes of exposure

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

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: Exposure may cause coughing or wheezing.

Delayed / immediate effects: Delayed effects can be expected after long-term exposure.

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.

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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**14.1. UN number**

UN number: UN1133

14.2. UN proper shipping name**14.3. Transport hazard class(es)**

Transport class: 3

14.4. Packing group

Packing group: II

14.5. Environmental hazards

Environmentally hazardous: No

Marine pollutant: No

14.6. Special precautions for user

Special precautions: No special precautions.

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

Specific regulations: Not applicable.

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: according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: H225: Highly flammable liquid and vapour.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H335: May cause respiratory irritation.

[cont...]

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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.