



SAFETY DATA SHEET
STAHLFIX EPOXY ACRYLATE

Page: 1

Compilation date: 02/09/2014

Revision No: 1

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name: STAHLFIX EPOXY ACRYLATE

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

Use of substance / mixture: A Chemical anchoring application

1.3. Details of the supplier of the safety data sheet

Company name: Sogivaswiss SA
Lavasson 8 , 1196 Gland
Tel: 004122 3640717
Email: info@sogivaswiss.com

1.4. Emergency telephone number

Emergency tel: 004122 3640717

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CHIP: Xi: R36; Sens.: R43

Classification under CLP: Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1: H317

Most important adverse effects: Irritating to eyes. May cause sensitisation by skin contact.

2.2. Label elements

Label elements under CLP:

Hazard statements: H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H319: Causes serious eye irritation.

Signal words: Warning

Hazard pictograms: GHS07: Exclamation mark



Precautionary statements: P264: Wash skin thoroughly after handling.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P302+352: IF ON SKIN: Wash with plenty of soap and water.
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332+313: If skin irritation occurs: Get medical advice.
P362: Take off contaminated clothing and wash before reuse.

[cont...]

SAFETY DATA SHEET

STAHLFIX EPOXY ACRYLATE

Page: 2

Label elements under CHIP:

Hazard symbols: Irritant.



Risk phrases: R36: Irritating to eyes.
R43: May cause sensitisation by skin contact.

Safety phrases: S2: Keep out of the reach of children.
S24: Avoid contact with skin.
S37: Wear suitable gloves.

2.3. Other hazards

Other hazards: Not applicable.

PBT: This product is not identified as a PBT substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

STYRENE - REACH registered number(s): 01-2119457861-32

EINECS	CAS	CHIP Classification	CLP Classification	Percent
202-851-5	100-42-5	-: R10; Xn: R20; Xi: R36/38	Flam. Liq. 3: H226; Acute Tox. 4: H332; Eye Irrit. 2: H319; Skin Irrit. 2: H315	3-10%

2-ETHYLHEXYL BENZOATE

226-641-8	5444-75-7	-: R53	Aquatic Chronic 4: H413	1-3%
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VINYL TOLUENE - REACH registered number(s): 01-21196222074-50-0000

246-562-2	25013-15-4	-: R10; Xn: R20; Xi: R36/37/38	Acute Tox. 4: H332; Asp. Tox. 1: H304; Eye Irrit. 2: H319; Flam. Liq. 3: H226	1-3%
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DIBENZOYL PEROXIDE - REACH registered number(s): 01-2119511472-50-XXXX

202-327-6	94-36-0	E: R3; O: R7; Xi: R36; Sens.: R43	Skin Sens. 1: H317; Org. Perox. B: H241; Eye Irrit. 2: H319	1-3%
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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: Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor.

Inhalation: Move to fresh air in case of accidental inhalation of vapours. Consult a doctor.

[cont...]

SAFETY DATA SHEET

STAHLFIX EPOXY ACRYLATE

Page: 3

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.

Ingestion: It is unlikely that this substance will be swallowed due to its physical properties.

Inhalation: Not applicable.

Delayed / immediate effects: Not applicable.

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

Immediate / special treatment: Show this safety data sheet to the doctor in attendance.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Dry chemical powder. Carbon dioxide. Foam. Do not use halons.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: Flammable. Sealed, heated containers can pressurise leading to explosion. In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details.

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: Transfer to a suitable container.

6.4. Reference to other sections

Reference to other sections: Refer to section 13 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Ensure there is sufficient ventilation of the area. Use non-sparking tools.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in cool, well ventilated area. Keep away from sources of ignition.

Suitable packaging: Must only be kept in original packaging.

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SAFETY DATA SHEET
STAHLFIX EPOXY ACRYLATE

Page: 4

7.3. Specific end use(s)

Specific end use(s): Building and construction work (SU19).

Section 8: Exposure controls/personal protection

8.1. Control parameters

Hazardous ingredients:

STYRENE

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	430 mg/m3	1080 mg/m3	-	-

DIBENZOYL PEROXIDE

UK	5 mg/m3	-	-	-
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8.1. DNEL/PNEC Values

Hazardous ingredients:

DIBENZOYL PEROXIDE

Type	Exposure	Value	Population	Effect
DNEL	Oral	1.65 mg/kg bw/d	General Population	Systemic
DNEL	Dermal	3.3 mg/kg bw/d	General Population	Systemic
DNEL	Inhalation	2.9 mg/m3	General Population	Systemic

8.2. Exposure controls

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

Respiratory protection: Breathing protection is required in inadequately ventilated places. Gas/vapour filter, type A: organic vapours (EN141).

Hand protection: Protective gloves. EN 374 Viton gloves. Recommended thickness of material >0.4 mm
Breakthrough time of the glove material > 8 hours. Before use, the protective gloves should be tested in any case for its specific work-station suitability.

Eye protection: Safety glasses.

Skin protection: Protective clothing.

Environmental: Ensure all engineering measures mentioned in section 7 of SDS are in place.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Paste

Colour: Various

Odour: Characteristic odour

Oxidising: Oxidising (by EC criteria)

[cont...]

SAFETY DATA SHEET
STAHLFIX EPOXY ACRYLATE

Page: 5

Solubility in water: Insoluble

Relative density: 1.58

VOC g/l: 2.55

9.2. Other information

Other information: Solid suspension - classified as non-flammable according to results from Test N.1 test method for readily combustible solids.

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. May polymerise on heating.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

10.4. Conditions to avoid

Conditions to avoid: Heat. Air. Sources of ignition. Direct sunlight.

10.5. Incompatible materials

Materials to avoid: Acids. Alkalis. Heavy metal compounds. Reducing agents. Organic peroxide.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes. Pressure rise and possible bursting of containers may follow.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

STYRENE

IVN	MUS	LD50	90	mg/kg
ORL	MUS	LD50	316	mg/kg
ORL	RAT	LD50	2650	mg/kg

DIBENZOYL PEROXIDE

ORL	RAT	LD50	5000	mg/kg
VAPOURS	RAT	LD50	24.3	mg/kg

[cont...]

SAFETY DATA SHEET
STAHLFIX EPOXY ACRYLATE

Page: 6

Relevant effects for mixture:

Effect	Route	Basis
Irritation	OPT	Hazardous: calculated
Sensitisation	DRM	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.

Ingestion: It is unlikely that this substance will be swallowed due to its physical properties.

Inhalation: Not applicable.

Delayed / immediate effects: Not applicable.

Other information: Not applicable.

Section 12: Ecological information

12.1. Toxicity

Hazardous ingredients:

DIBENZOYL PEROXIDE

ALGAE	72H ErC50	0.0711	mg/l
Daphnia magna	48H EC50	0.110	mg/l
RAINBOW TROUT (Oncorhynchus mykiss)	96H LC50	0.0602	mg/l

12.2. Persistence and degradability

Persistence and degradability: No data available.

12.3. Bioaccumulative potential

Bioaccumulative potential: No data available.

12.4. Mobility in soil

Mobility: Insoluble in water. Heavier than water.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT substance.

12.6. Other adverse effects

Other adverse effects: No data available.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company. Small quantities of the product can be mixed and allowed to cure, then can be disposed as solid waste.

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SAFETY DATA SHEET
STAHLFIX EPOXY ACRYLATE

Page: 7

Waste code number: 08 04 09

Disposal of packaging: Dispose of in a regulated landfill site or other method for hazardous or toxic wastes.

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: UN3269

14.2. UN proper shipping name

Shipping name: POLYESTER RESIN KIT
(STYRENE)

14.3. Transport hazard class(es)

Transport class: 3

14.4. Packing group

Packing group: III

14.5. Environmental hazards

Environmentally hazardous: No

Marine pollutant: No

14.6. Special precautions for user

Special precautions: No special precautions.

Tunnel code: E

Transport category: 3

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: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

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

Phrases used in s.2 and 3: H226: Flammable liquid and vapour.

H241: Heating may cause a fire or explosion.

H304: May be fatal if swallowed and enters airways.

[cont...]

SAFETY DATA SHEET
STAHLFIX EPOXY ACRYLATE

Page: 8

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

H332: Harmful if inhaled.

H413: May cause long lasting harmful effects to aquatic life.

R3: Extreme risk of explosion by shock, friction, fire or other sources of ignition.

R7: May cause fire.

R10: Flammable.

R20: Harmful by inhalation.

R36/37/38: Irritating to eyes, respiratory system and skin.

R36/38: Irritating to eyes and skin.

R36: Irritating to eyes.

R43: May cause sensitisation by skin contact.

R53: May cause long-term adverse effects in the aquatic environment.

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.

ENVIRONMENTAL CARE: Please do not dispose of uncured material. If disposing please mix any waste product to its cured state.