



SAFETY DATA SHEET

STAHLFIX SUPERCAP

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 SUPERCAP

Product code: 43111 to 43117

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: Xn: R20; Xi: R36/38; Sens.: R43

Classification under CLP: Flam. Liq. 3: H226; Skin Irrit. 2: H315; Eye Irrit. 2: H319; Skin Sens. 1: H317; STOT RE 1: H372; Aquatic Chronic 3: H412

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

2.2. Label elements

Label elements under CLP:

Hazard statements: H226: Flammable liquid and vapour.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

H317: May cause an allergic skin reaction.

H372: Causes damage to organs through prolonged or repeated exposure.

H412: Harmful to aquatic life with long lasting effects.

Signal words: Danger

Hazard pictograms: GHS07: Exclamation mark

GHS02: Flame

GHS08: Health hazard



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SAFETY DATA SHEET

STAHLFIX SUPERCAP

Page: 2

Precautionary statements: P210: Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P302+352: IF ON SKIN: Wash with plenty of soap and water.
P301+310: IF SWALLOWED: Immediately call a POISON CENTER or doctor.
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Label elements under CHIP:

Hazard symbols: Harmful.



Risk phrases: R20: Harmful by inhalation.
R36/38: Irritating to eyes and skin.
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	10-20%

2-ETHYLHEXYL BENZOATE

226-641-8	5444-75-7	-: R53	Aquatic Chronic 4: H413	3-10%
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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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ETHYLENE GLYCOL - REACH registered number(s): 01-2119456816-28-XXXX

203-473-3	107-21-1	Xn: R22	Acute Tox. 4: H302	1-3%
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SAFETY DATA SHEET

STAHLFIX SUPERCAP

Page: 3

1,1'-(P-TOLYLIMINO)DIPROPAN-2-OL

254-075-1	38668-48-3	T: R25; Xi: R36; -: R52/53	Acute Tox. 2: H300; Eye Dam. 1: H318; Aquatic Chronic 3: H412	<1%
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Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water. Remove all contaminated clothes and footwear immediately unless stuck to skin. Consult a doctor.

Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.

Ingestion: Consult a doctor.

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

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

Skin contact: There may be mild irritation 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: Water spray. Foam. Use water spray to cool containers. Do not use water jet.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: Flammable. In combustion emits toxic fumes of carbon dioxide / carbon monoxide. In combustion emits toxic fumes of nitrogen oxides.

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: Refer to section 8 of SDS for personal protection details. Eliminate all sources of ignition.

6.2. Environmental precautions

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

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SAFETY DATA SHEET

STAHLFIX SUPERCAP

Page: 4

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Pick up mechanically.

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. Smoking is forbidden.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in cool, well ventilated area. Keep away from sources of ignition. Keep container tightly closed. Keep away from direct sunlight.

Suitable packaging: Must only be kept in original packaging.

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/m ³	1080 mg/m ³	-	-

DIBENZOYL PEROXIDE

UK	5 mg/m ³	-	-	-
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ETHYLENE GLYCOL

UK	52 mg/m ³ (vapour)	104 mg/m ³ (vapour)	-	-
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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/m ³	General Population	Systemic

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SAFETY DATA SHEET

STAHLFIX SUPERCAP

Page: 5

ETHYLENE GLYCOL

Type	Exposure	Value	Population	Effect
DNEL	Dermal	53 mg/kg bw/day	Consumers	Systemic
DNEL	Dermal	106 mg/kg bw/day	Workers	Systemic
DNEL	Inhalation	7 mg/m ³	Consumers	Local
DNEL	Inhalation	35 mg/m ³	Workers	Local

8.2. Exposure controls

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

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

Hand protection: Gloves (chemical resistant). Butyl gloves. Nitrile gloves. Neoprene gloves. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Eye protection: Tightly fitting safety goggles.

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: Capsule

Colour: Colourless

Odour: Characteristic odour

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Insoluble

Flash point°C: 31

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.

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SAFETY DATA SHEET

STAHLFIX SUPERCAP

Page: 6

10.4. Conditions to avoid

Conditions to avoid: Heat. Flames. Sources of ignition.

10.5. Incompatible materials

Materials to avoid: Water. Acids. Bases.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes of carbon dioxide / carbon monoxide. In combustion emits toxic fumes of nitrogen oxides.

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

ETHYLENE GLYCOL

DERMAL	RABBIT	LD50	3500	mg/kg
ORL	RAT	LD50	7712	mg/kg

Relevant effects for mixture:

Effect	Route	Basis
Acute toxicity (harmful)	INH	Hazardous: calculated
Irritation	OPT DRM	Hazardous: calculated
Sensitisation	DRM	Hazardous: calculated

Symptoms / routes of exposure

Skin contact: There may be mild irritation 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.

[cont...]

SAFETY DATA SHEET

STAHLFIX SUPERCAP

Page: 7

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

ETHYLENE GLYCOL

Daphnia magna	48H EC50	100	mg/l
Pseudokirchneriella subcapitata	96H EC50	6500-13000	mg/l
pimephales promelas	96H LC50	72860	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: No data available.

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.

Waste code number: 08 04 09

Disposal of packaging: May be reused following decontamination.

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.

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SAFETY DATA SHEET

STAHLFIX SUPERCAP

Page: 8

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.
H300: Fatal if swallowed.
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.
H332: Harmful if inhaled.
H372: Causes damage to organs <or state all organs affected, if known> through prolonged or repeated exposure <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.
H412: Harmful to aquatic life with long lasting effects.
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.
R22: Harmful if swallowed.
R25: Toxic if swallowed.
R36/38: Irritating to eyes and skin.
R36: Irritating to eyes.
R43: May cause sensitisation by skin contact.
R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
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

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SAFETY DATA SHEET

STAHLFIX SUPERCAP

Page: 9

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.