

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 25.05.2023

Version number 2 (replaces version 1)

Revision: 25.05.2023

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

1.1 Product identifier

Trade name **weber Injection epoxy, comp. B hardener**

Safety data sheet no.: 358P0180-b

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

No further relevant information available.

Application of the substance / the mixture

Construction chemicals

Hardening agent/ Curing agent

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

Saint-Gobain Finland Oy / Weber

PL 70

(Strömberginkuja 2)

FIN-00381 Helsinki

Tel. +358-(0)10-44 22 00

Fax +358-(0)10-44 22 295

DL-productsafety.fi@saint-gobain.com

www.fi.weber

1.4 Emergency telephone number:

0800 147 111 (toll-free)

09 471 977 (standard rate)

Finnish Poison Information Centre

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Skin Corr. 1B H314 Causes severe skin burns and eye damage.

Eye Dam. 1 H318 Causes serious eye damage.

Skin Sens. 1 H317 May cause an allergic skin reaction.

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

Hazard pictograms



GHS05 GHS07

Signal word Danger

Hazard-determining components of labelling:

Reaction products of di-, tri- and tetra-propoxylated propane-1,2-diol with ammonia

m-phenylenebis(methylamine)

3-aminomethyl-3,5,5-trimethylcyclohexylamine

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4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with 3-aminomethyl-3,5,5-trimethylcyclohexylamine

Hazard statements

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction.

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P260 Do not breathe mist/vapours/spray.

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

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

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3 Other hazards

Results of PBT and vPvB assessment

PBT: Does not contain PBT substances.

vPvB: Does not contain vPvB substances.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Description: Mixture of substances listed below with non hazardous additions.

Dangerous components:

CAS: 9046-10-0 EC number: 695-873-3	Reaction products of di-, tri- and tetra-propoxylated propane-1,2-diol with ammonia ⚠ Skin Corr. 1B, H314; Eye Dam. 1, H318; Aquatic Chronic 3, H412	25-50%
CAS: 100-51-6 EINECS: 202-859-9 Index number: 603-057-00-5 Reg.nr.: 01-2119492630-38-xxxx	Benzyl alcohol ⚠ Acute Tox. 4, H302; Acute Tox. 4, H332	10-25%
CAS: 1477-55-0 EINECS: 216-032-5 Reg.nr.: 01-2119480150-50-xxxx	m-phenylenebis(methylamine) ⚠ Skin Corr. 1B, H314; ⚠ Acute Tox. 4, H302; Acute Tox. 4, H332; Skin Sens. 1, H317; Aquatic Chronic 3, H412, EUH071	≥10-<25%
CAS: 2855-13-2 EINECS: 220-666-8 Index number: 612-067-00-9 Reg.nr.: 01-2119514687-32-xxxx	3-aminomethyl-3,5,5-trimethylcyclohexylamine ⚠ Skin Corr. 1B, H314; Eye Dam. 1, H318; ⚠ Acute Tox. 4, H302; Skin Sens. 1A, H317 ATE: LD50 oral: 1,030 mg/kg Specific concentration limit: Skin Sens. 1A; H317: C ≥ 0.001 %	≥5-≤10%
CAS: 38294-64-3 NLP: 500-101-4 Reg.nr.: 01-2119965165-33-xxxx	4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with 3-aminomethyl-3,5,5-trimethylcyclohexylamine ⚠ Skin Corr. 1B, H314; Eye Dam. 1, H318; ⚠ Skin Sens. 1, H317; Aquatic Chronic 3, H412	≥5-<10%

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Additional information For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

Immediately remove any clothing soiled by the product.

Remove the victim immediately from the danger area. If the patient is unwell consult a doctor and present this data sheet.

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

After inhalation

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

After skin contact

Immediately wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

After eye contact

Rinse opened eye for several minutes under running water. Then consult doctor. Rinse liquid should be tempered (20-30°C).

After swallowing

Call a doctor immediately.

Drink plenty of water and provide fresh air. Call for a doctor immediately.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing agents

Use fire extinguishing methods suitable to surrounding conditions.

5.2 Special hazards arising from the substance or mixture

During heating or in case of fire poisonous gases are produced.

5.3 Advice for firefighters

Protective equipment: Wear self-contained respiratory protective device.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear protective clothing.

Ensure adequate ventilation.

6.2 Environmental precautions:

Inform respective authorities in case of seepage into water course or sewage system.

Prevent from spreading (e.g. by damming-in or oil barriers).

Do not allow to enter sewers/ surface or ground water.

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6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Use neutralising agent.

Dispose of contaminated material as waste according to section 13.

Ensure adequate ventilation.

6.4 Reference to other sections

See Section 7 for information on safe handling

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Keep receptacles tightly sealed.

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

7.2 Conditions for safe storage, including any incompatibilities

Storage

Requirements to be met by storerooms and receptacles:

Store only in unopened original receptacles.

Information about storage in one common storage facility: Store away from foodstuffs.

Further information about storage conditions:

Store receptacle in a well ventilated area.

Store in dry conditions.

Protect from heat and direct sunlight.

Protect from freezing.

7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

DNELs

CAS: 100-51-6 Benzyl alcohol

Oral	Derived No Effect Level	4 mg/kgxday (consumer systemic long term value)
Dermal	Derived No Effect Level	8 mg/kgxday (worker systemic long term value)
		4 mg/kgxday (consumer systemic long term value)
Inhalative	Derived No Effect Level	22 mg/m ³ (worker systemic long term value)
		5.4 mg/m ³ (consumer systemic long term value)

CAS: 1477-55-0 m-phenylenebis(methylamine)

Dermal	Derived No Effect Level	0.33 mg/kgxday (worker systemic long term value)
Inhalative	Derived No Effect Level	1.2 mg/m ³ (worker systemic long term value)
		0.2 mg/m ³ (worker local long term value)

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CAS: 2855-13-2 3-aminomethyl-3,5,5-trimethylcyclohexylamine		
Oral	Derived No Effect Level	0.3 mg/kgxday (consumer systemic long term value) 0.3 mg/kgxday (consumer systemic short term value)
Inhalative	Derived No Effect Level	0.073 mg/m³ (worker local short term value) 0.073 mg/m³ (worker local long term value)
CAS: 38294-64-3 4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with 3-aminomethyl-3,5,5-trimethylcyclohexylamine		
Dermal	Derived No Effect Level	0.14 mg/kgxday (worker systemic long term value) 0.05 mg/kgxday (consumer systemic long term value)
Inhalative	Derived No Effect Level	0.98 mg/m³ (worker systemic long term value) 0.18 mg/m³ (consumer systemic long term value)
PNECs		
CAS: 1477-55-0 m-phenylenebis(methylamine)		
Predicted No-Effect Concentration		0.0094 mg/l (sea water rating factor) 0.094 mg/l (fresh water rating factor)
CAS: 2855-13-2 3-aminomethyl-3,5,5-trimethylcyclohexylamine		
Predicted No-Effect Concentration		0.06 mg/l (fresh water rating factor)
CAS No. / Designation of material / % / Type / Value / Unit		
CAS: 100-51-6 Benzyl alcohol		
AGW (Germany)	Long-term value: 22 mg/m³, 5 ppm 2(I);DFG, H, Y, 11	
HTP (Finland)	Long-term value: 45 mg/m³, 10 ppm	
CAS: 1477-55-0 m-phenylenebis(methylamine)		
MAK (Germany)	als Dampf und Aerosol;vgl.Abschn.IV	
GV (Denmark)	Ceiling limit: 0.1 mg/m³, 0.02 ppm LH	
TWA (Italy)	Ceiling limit: 0.1 mg/m³ Cute	
VLE (Portugal)	Ceiling limit: 0.1 mg/m³ P; Irritação ocular, cutânea e GI	
HTP (Finland)	Ceiling limit: 0.1 mg/m³ iho	
CAS: 2855-13-2 3-aminomethyl-3,5,5-trimethylcyclohexylamine		
MAK (Germany)	als Dampf und Aerosol;vgl.Abschn.IIb	

8.2 Exposure controls

Individual protection measures, such as personal protective equipment

General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

Respiratory protection:

Use suitable respiratory protective device in case of insufficient ventilation.

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In case of brief exposure or low pollution use respiratory filter device.

In case of intensive or longer exposure use self-contained respiratory protective device.

Filter A2/P2.

Hand protection

Protective gloves against chemicals (standard EN 374-1)

Check protective gloves prior to each use for their proper condition.

The glove material has to be impermeable and resistant to the product/ the substance/ the mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves

Nitrile rubber, NBR

Butyl rubber, BR

Recommended thickness of the material: ≥ 0.4 mm

Eye/face protection

Face protection

Tightly sealed goggles

Body protection: Protective work clothing.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Colour:	Colourless
Odour:	Amine-like
Odour threshold:	Not determined.
Melting point/freezing point:	Undetermined.
Boiling point or initial boiling point and boiling range	Undetermined.
Flammability	Not applicable.
Lower and upper explosion limit	
Lower:	1.3 Vol %
Upper:	13 Vol %
Flash point:	>100 °C
Auto-ignition temperature:	Not determined.
Decomposition temperature:	Not determined.
pH	Not determined.
Viscosity:	
Kinematic viscosity	Not determined.
Kinematic viscosity dynamic at 20 °C:	50-100 mPas (DIN EN ISO 3219)
Solubility	
Water:	Not miscible or difficult to mix
Partition coefficient n-octanol/water (log value)	Not determined.
Vapour pressure at 20 °C:	0.1 hPa
Vapour pressure:	
Density and/or relative density	
Density:	Not determined
Relative density	Not determined.
Bulk density at 20 °C:	1.00 g/cm ³

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Vapour density	Not determined.
9.2 Other information	
Appearance:	
Form:	Liquid
Important information on protection of health and environment, and on safety.	
Ignition temperature:	435 °C
Explosive properties:	Product does not present an explosion hazard.
Minimum ignition energy	
Solvent separation test:	Not determined
Solvent content:	
Organic solvents:	10-24 %
EU-VOC (%)	10-24 %
EU-VOC (g/L)	100-240 g/l
Solids content:	0.0 %
Change in condition	
Softening point/range	
Oxidising properties	Not determined.
Evaporation rate	Not determined.

Information with regard to physical hazard

classes	
Explosives	Void
Flammable gases	Void
Aerosols	Void
Oxidising gases	Void
Gases under pressure	Void
Flammable liquids	Void
Flammable solids	Void
Self-reactive substances and mixtures	Void
Pyrophoric liquids	Void
Pyrophoric solids	Void
Self-heating substances and mixtures	Void
Substances and mixtures, which emit flammable gases in contact with water	Void
Oxidising liquids	Void
Oxidising solids	Void
Organic peroxides	Void
Corrosive to metals	Void
Desensitised explosives	Void

SECTION 10: Stability and reactivity

10.1 Reactivity No further relevant information available.

10.2 Chemical stability Stable at recommended storage conditions

10.3 Possibility of hazardous reactions

Exothermic polymerisation.

Reacts with alcohols, amines, aqueous acids and alkalis

10.4 Conditions to avoid No further relevant information available.

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10.5 Incompatible materials:

Strong acids and strong bases.

Oxydising agents.

10.6 Hazardous decomposition products:

Danger of forming toxic pyrolysis products.

Irritant gases/vapours

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008
Acute toxicity Based on available data, the classification criteria are not met.

LD/LC50 values relevant for classification:

Components		Type	Value	Species
CAS: 9046-10-0 Reaction products of di-, tri- and tetra-propoxylated propane-1,2-diol with ammonia				
Oral	LD50	2,880 mg/kg	(Rat)	
Dermal	LD50	2,980 mg/kg	(Rabbit)	
CAS: 100-51-6 Benzyl alcohol				
Oral	LD50	1,620 mg/kg	(Rat)	
Dermal	LD50	>2,000 mg/kg	(Rabbit)	
Inhalative	LC50/4 h	>4.178 mg/l	(Rat)	
CAS: 1477-55-0 m-phenylenebis(methylamine)				
Oral	LD50	930 mg/kg	(Rat)	
Dermal	LD50	>3,100 mg/kg	(Rabbit)	
CAS: 2855-13-2 3-aminomethyl-3,5,5-trimethylcyclohexylamine				
Oral	LD50	1,030 mg/kg	(ATE)	
		1,030 mg/kg	(Rat)	
Dermal	LD50	>2,000 mg/kg	(Rat)	

Skin corrosion/irritation

Causes severe skin burns and eye damage.

Serious eye damage/irritation

Causes serious eye damage.

Respiratory or skin sensitisation

May cause an allergic skin reaction.

Germ cell mutagenicity Based on available data, the classification criteria are not met.

Carcinogenicity Based on available data, the classification criteria are not met.

Reproductive toxicity Based on available data, the classification criteria are not met.

STOT-single exposure Based on available data, the classification criteria are not met.

STOT-repeated exposure Based on available data, the classification criteria are not met.

Aspiration hazard Based on available data, the classification criteria are not met.

11.2 Information on other hazards
Endocrine disrupting properties

None of the ingredients is listed.

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SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity: Harmful to aquatic life with long lasting effects (H412).

Type of test / Effective concentration / Method / Assessment

CAS: 9046-10-0 Reaction products of di-, tri- and tetra-propoxylated propane-1,2-diol with ammonia

LC50/96h	772 mg/l (Fish) (OECD 203, static)
EC50/48h	80 mg/l (Daphnia magna)
EC50/72h	15 mg/l (Algae)
NOEC (72h)	0.32 mg/l (Algae) (OECD 201; static)

CAS: 100-51-6 Benzyl alcohol

LC50/48h	260 mg/l (Daphnia magna)
	645 mg/l (Leuciscus idus (Orfe))
LC50/96h	10 mg/l (Lepomis macrochirus (Sunfish))
	460 mg/l (Pimephales promelas (Minnow))
EC50/24h	400 mg/l (Daphnia magna)
EC50/48h	230 mg/l (Daphnia magna)
EC50/96h	400 mg/l (Daphnia magna)
	640 mg/l (Scenedesmus subspicatus (Algae))
EC50/72h	770 mg/l (Algae)
NOEC (72h)	310 mg/l (Algae)
NOEC (21d)	51-66 mg/l (Daphnia magna)
EC 10	400 mg/l (Pseudomonas putida (Bacteria))

CAS: 1477-55-0 m-phenylenebis(methylamine)

LC50/96h	87.6 mg/l (Oryzias latipes (Japanese medaka))
EC50/48h	15.2 mg/l (Daphnia magna)
EC50/72h	20.3 mg/l (Scenedesmus subspicatus (Algae))

CAS: 2855-13-2 3-aminomethyl-3,5,5-trimethylcyclohexylamine

LC50/48h	388 mg/l (Daphnia magna)
LC50/96h	110 mg/l (Brachydanio rerio (zebra danio))
EC50/24h	27 mg/l (Daphnia magna)
EC50/48h	23 mg/l (Daphnia magna)
EC50/72h	50 mg/l (Scenedesmus subspicatus (Algae))
NOEC (21d)	3 mg/l (Daphnia magna)
EC 10/18h	11.2 mg/l (Algae)

12.2 Persistence and degradability No further relevant information available.

12.3 Bioaccumulative potential

CAS: 100-51-6 Benzyl alcohol

EBAB	1.05 log Pow (Bioaccumulation)
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CAS: 2855-13-2 3-aminomethyl-3,5,5-trimethylcyclohexylamine

EBAB	0.99 log Pow
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12.4 Mobility in soil No further relevant information available.

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12.5 Results of PBT and vPvB assessment

PBT: Does not contain PBT substances.

vPvB: Does not contain vPvB substances.

12.6 Endocrine disrupting properties

The product does not contain substances with endocrine disrupting properties.

12.7 Other adverse effects

Behaviour in sewage processing plants:

Type of test / Effective concentration / Method / Assessment	
CAS: 100-51-6 Benzyl alcohol	
EC 50 (3h)	79 mg/l (Scenedesmus quadricauda (Algae))

Additional ecological information:

General notes:

Do not allow product to reach ground water, water course or sewage system.

Harmful to aquatic organisms

Danger to drinking water if even extremely small quantities leak into the ground.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Recommendation Hand over to hazardous waste disposers.

European waste catalogue	
08 04 09*	waste adhesives and sealants containing organic solvents or other hazardous substances
HP8	Corrosive
HP13	Sensitising

Uncleaned packaging:
Recommendation: Disposal must be made according to official regulations.

SECTION 14: Transport information

14.1 UN number or ID number	
ADR, IMDG, IATA	UN2735
14.2 UN proper shipping name	
ADR	2735 AMINES, LIQUID, CORROSIVE, N.O.S. (POLYOXYPROPYLENEDIAMINE, m-phenylenebis(methylamine))
IMDG, IATA	AMINES, LIQUID, CORROSIVE, N.O.S. (POLYOXYPROPYLENEDIAMINE, m-phenylenebis(methylamine))

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14.3 Transport hazard class(es)

ADR



Class

8 (C7) Corrosive substances.

Label

8

IMDG, IATA



Class

8 Corrosive substances.

Label

8

14.4 Packing group

ADR, IMDG, IATA

II

14.5 Environmental hazards:

Marine pollutant:

No

14.6 Special precautions for user

Warning: Corrosive substances.

Hazard identification number (Kemler code):

80

EMS Number:

F-A,S-B

Segregation groups

(SGG18) Alkalies

Stowage Category

A

Segregation Code

SG35 Stow "separated from" SGG1-acids

14.7 Maritime transport in bulk according to

IMO instruments

Not applicable.

Transport/Additional information:

ADR

Limited quantities (LQ)

1L

Excepted quantities (EQ)

Code: E2

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 500 ml

Transport category

2

Tunnel restriction code

E

IMDG

Limited quantities (LQ)

1L

Excepted quantities (EQ)

Code: E2

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 500 ml

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UN "Model Regulation":

UN 2735 AMINES, LIQUID, CORROSIVE, N.O.S.
(POLYOXYPROPYLENEDIAMINE, M-PHENYLENEBIS(METHYLAMINE)), 8, II

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Regulation (EC) No 1907/2006 (REACH) (Candidate List, Annexes XIV and XVII)

Regulation (EC) No 1272/2008 (CLP)

Regulation (EU) 2020/878 (amending REACH Annex II on the compilation of safety data sheets)

Directive 2004/42/CE (VOC), cf. section 9

Labelling according to Regulation (EC) No 1272/2008 cf. section 2

Directive 2012/18/EU
Named dangerous substances - ANNEX I None of the ingredients is listed.

REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3

DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II

None of the ingredients is listed.

REGULATION (EU) 2019/1148
Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))

None of the ingredients is listed.

Annex II - REPORTABLE EXPLOSIVES PRECURSORS

None of the ingredients is listed.

Regulation (EC) No 273/2004 on drug precursors

None of the ingredients is listed.

Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors

None of the ingredients is listed.

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

This Safety Data Sheet is in compliance with Regulation (EC) No 1907/2006, Article 31 as amended by Regulation (EU) 2020/878.

Relevant phrases

The following list of relevant hazard statements is the full text of hazard statements mentioned elsewhere in this safety data sheet (in particular in the section 3) and is reported as required by the Regulation (EC) No 1907/2006 (REACH), Annex II, and the following amendments (Regulation (EU) 2020/878). The statements mentioned here do not refer to the product itself, but refer to the individual ingredients in the products, and are provided for information.

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H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H332 Harmful if inhaled.
H412 Harmful to aquatic life with long lasting effects.
EUH071 Corrosive to the respiratory tract.

Classification according to Regulation (EC) No 1272/2008

Skin corrosion/irritation Serious eye damage/irritation Skin sensitisation Hazardous to the aquatic environment - long-term (chronic) aquatic hazard	The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.
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Department issuing SDS:

Saint-Gobain Finland Oy / Weber
QEHS
P.O.Box 70 (Strömberginkuja 2)
FI-00381 Helsinki

Contact:

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Version number of previous version: 1

Abbreviations and acronyms:

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
ICAO: International Civil Aviation Organisation
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
DNEL: Derived No-Effect Level (REACH)
PNEC: Predicted No-Effect Concentration (REACH)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
SVHC: Substances of Very High Concern (REACH regulation)
vPvB: very Persistent and very Bioaccumulative
Acute Tox. 4: Acute toxicity – Category 4
Skin Corr. 1B: Skin corrosion/irritation – Category 1B
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
Skin Sens. 1: Skin sensitisation – Category 1
Skin Sens. 1A: Skin sensitisation – Category 1A
Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

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