

Safety Data Sheet according to 1907/2006/EC, Article 31

Printing date 22.09.2020 Version number 2 Revision: 15.06.2020

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

1.1 Product identifier

Trade name weberepox easy, Component Hardener

Safety data sheet no.: XXP015009-b

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

The product is intended for industrial or professional use.

Application of the substance / the mixture Construction chemicals

Uses advised against Uses other than those recommended.

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

Saint-Gobain Finland Ov / Weber

PL 70

(Strömberginkuja 2) FIN-00381 Helsinki

Tel. +358-(0)10-44 22 00 Fax +358-(0)10-44 22 295 e-mail: info@fi.weber www.fi.weber

1.4 Emergency telephone number: Tel. +358-(0)10-44 22 00

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.

Aguatic Chronic 2 H411 Toxic to aguatic 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 GHS09

Signal word Danger

Hazard-determining components of labelling:

Fatty acids, tall-oil, reaction products with tetraethylenepentamine

3-aminomethyl-3,5,5-trimethylcyclohexylamine

3,6,9-triazaundecamethylenediamine

Hazard statements

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction.

H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

P273 Avoid release to the environment.

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

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

with water [or shower].

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.

Additional information:

Restricted to professional users.

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 Chemical characterisation: Mixtures

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

Dangerous components:		
CAS: 14808-60-7 EINECS: 238-878-4	Siliciumdioxide (Quartz sand) substance with a Community workplace exposure limit	>50%
CAS: 68953-36-6 EINECS: 273-201-6	Fatty acids, tall-oil, reaction products with tetraethylenepentamine Skin Corr. 1B, H314; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Sens. 1, H317	10-20%
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; Acute Tox. 4, H312; Skin Sens. 1, H317; Aquatic Chronic 3, H412	5-10%
CAS: 112-57-2 EINECS: 203-986-2 Index number: 612-060-00-0 Reg.nr.: 01-2119487290-37- xxxx	3,6,9-triazaundecamethylenediamine Skin Corr. 1B, H314; Aquatic Chronic 2, H411; Acute Tox. 4, H302; Acute Tox. 4, H312; Skin Sens. 1, H317	2-5%

SVHC Void

Additional information

The product contains silica sand composed of quartz (crystalline silica) with a fine fraction below 1%. The respirable fraction has an occupational exposure limit value (cf. section 8).

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

Involve doctor immediately.

Immediately remove any clothing soiled by the product.

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

Seek immediate medical advice.

Immediately rinse with water.

Remove contaminated gloves, clothing, footwear or other items and wash thoroughly before re-use.

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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.

Rinse out mouth with water. Do not induce vomiting. Seek medical attention and present this data sheet.

4.2 Most important symptoms and effects, both acute and delayed

Burns

Allergic reactions

Irritation of the skin

Irritation of the eye tissue, watery eyes

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

CO2, powder or water spray. Fight larger fires with water spray

or alcohol resistant foam.

5.2 Special hazards arising from the substance or mixture

Formation of toxic gases is possible during heating or in case of fire.

Nitrogen oxides (NOx)

Ammonia (NH3)

5.3 Advice for firefighters

Protective equipment:

Wear self-contained respiratory protective device.

Wear fully protective suit.

Additional information

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

Collect contaminated fire fighting water separately. It must not enter the sewage system.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use respiratory protective device against the effects of

fumes/dust/aerosol.

Wear protective clothing.

Ensure adequate ventilation.

6.2 Environmental precautions:

The product must not get into watercourses

or into the soil.

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

6.3 Methods and material for containment and cleaning up:

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

Dispose of the material collected according to regulations.

Dispose of contaminated material as waste according to item 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.

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See Section 13 for disposal information.

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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.

Information about fire - and explosion protection: Keep respiratory protective device available.

7.2 Conditions for safe storage, including any incompatibilities

Storage

Requirements to be met by storerooms and receptacles:

Insure sufficient ventilation for storage and work areas.

Store only in unopened original receptacles.

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

Further information about storage conditions:

Store in a cool place.

Store receptacle in a well ventilated area.

Store under lock and key and with access restricted to technical

experts or their assistants only.

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

SECTION 8: Exposure controls/personal protection

CAS: 2855-13-2 3-aminomethyl-3.5.5-trimethylcyclohexylamine

Additional information about design of technical facilities: No further data; see item 7.

8.1 Control parameters

DNELs

OEL (Sweden)

HTP (Finland)

Ingredients with limit values that require monitoring at the workplace:

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Oral	Derived No Effe	ect Level 0.526 mg/kgxday (consumer systemic long term value)	
Inhalative	Derived No Effe	ect Level 0.073 mg/m³ (worker local short term value)	
		0.073 mg/m³ (worker local long term value)	
CAS No. Designation of material % Type Value Unit			
CAS: 14808-60-7 Siliciumdioxide (Quartz sand)			
BOELV (E	uropean Union)	Long-term value: 0.1* mg/m³ *respirable fraction	
MAK (Geri	many)	alveolengängige Fraktion	
GV (Denm	nark)	Long-term value: 0.3* 0.1** mg/m³ *total;**total, respirabel, K	
LEP (Spai	n)	Long-term value: 0.05 mg/m³ *Fracción resp:n,d,y	
TWA (Italy	')	Long-term value: 0.025 mg/m³ A2 (r)	
VLE (Portu	ugal)	Long-term value: 0.025 mg/m³	

Resp.; A2; fibrose pulmonar; cancro do pulmão

Long-term value: 0.1 mg/m³

Long-term value: 0.05 mg/m³

C, M, respirabel fraktion

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CAS: 2855-13-2 3-aminomethyl-3,5,5-trimethylcyclohexylamine MAK (Germany) als Dampf und Aerosol;vgl.Abschn.IIb

Additional Occupational Exposure Limit Values for possible hazards during processing:

Quartz respirable dust (< 5 µm): 0,15 mg/m³

8.2 Exposure controls

Personal protective equipment:

General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Store protective clothing separately.

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

Do not inhale gases / fumes / aerosols.

Respiratory protection:

Use suitable respiratory protective device in case of insufficient ventilation.

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.

Protection of hands: Protective gloves against chemicals (standard EN 374-1)

Material of gloves

Silver Shield® Butyl rubber, BR Nitrile rubber, NBR

Recommended thickness of the material: ≥ 0.3 mm

Eye protection: Tightly sealed goggles Body protection: Protective work clothing.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and che	mical properties
General Information	micai properties
Appearance:	
Form:	Liquid
Colour:	Amber coloured
Odour:	Characteristic
Odour threshold:	Not determined.
pH-value:	Not determined.
Change in condition Melting point/freezing point: Initial boiling point and boiling range:	Not applicable ~ 247 °C (DIN)
Flash point:	~ 112 °C (DIN ISO 2592)
Flammability (solid, gas):	Not applicable.
Ignition temperature:	Not determined.
Decomposition temperature:	Not determined.
Auto-ignition temperature:	Product is not selfigniting.
Explosive properties:	Product does not present an explosion hazard.
Explosion limits:	
Lower:	Not determined.

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Upper:	Not determined.
Oxidising properties	Not determined.
Vapour pressure:	Not determined.
Density:	Not determined
Bulk density:	Not applicable.
Relative density	Not determined.
Vapour density	Not determined.
Evaporation rate	Not determined.
Solubility in / Miscibility with	
Water:	Not miscible or difficult to mix
Segregation coefficient (n-octanol/wa	ater) log
Pow:	Not determined.
Viscosity:	
dynamic:	Not determined.
kinematic:	Not determined.
Solvent separation test:	Not determined
Solvent content:	
EU-VOC (%)	0.00 %
EU-VOC (g/L)	0.0 g/l
9.2 Other information	No further relevant information available.

SECTION 10: Stability and reactivity

10.1 Reactivity Not reactive under normal conditions of use

10.2 Chemical stability Stable at recommended storage conditions

Thermal decomposition / Conditions to be avoided:

No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions

Reacts with oxidizing agents

Reacts with strong acids

Reacts with nitiric acid

Reacts with nitrous acid

Forms carcinogenic nitrosamines with nitrites

10.4 Conditions to avoid No further relevant information available.

10.5 Incompatible materials: No further relevant information available.

10.6 Hazardous decomposition products:

Carbon monoxide and carbon dioxide

Ammonia

Nitrogen oxides (NOx)

Nitric acid

SECTION 11: Toxicological information

11.1 Information on toxicological effects

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

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LD/LC50 values relevant for classification:

Compo	nents	Type	Value	Species	
CAS: 28	355-13	-2 3-aminomethyl-3,5,5-1	rimethylcy	clohexylamine	
Oral	LD50	1,030 mg/kg (Rat)			
Dermal	LD50	1,100 mg/kg (ATE)			
		2,000 mg/kg (Rat)			
CAS: 11	12-57-2	3,6,9-triazaundecameth	nylenediam	ine	
Oral	LD50	1,600-1,900 mg/kg (Rat)			
Dermal	LD50	1,500-1,720 mg/kg (Rabl	bit)		

Primary irritant effect:

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.

CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)

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.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity: Toxic to aquatic life with long lasting effects.

Type of test Effective concentration Method Assessment			
CAS: 2855	CAS: 2855-13-2 3-aminomethyl-3,5,5-trimethylcyclohexylamine		
LC50/48h	185 mg/l (Leuciscus idus (Orfe))		
LC50/96h	110 mg/l (Brachydanio rerio (zebra danio))		
EC50/24h	42 mg/l (Daphnia magna)		
EC50/48h	EC50/48h 23 mg/l (Daphnia magna)		
EC50/72h	EC50/72h 37 mg/l (Scenedesmus subspicatus (Algae))		
EC 10/18h	1,120 mg/l (Pseudomonas putida (Bacteria))		
CAS: 112-	CAS: 112-57-2 3,6,9-triazaundecamethylenediamine		
LC50/96h	LC50/96h 420 mg/l (Fish)		
EC50/48h	24.1 mg/l (Daphnia magna) (statischer Test)		

12.2 Persistence and degradability No further relevant information available.

12.3 Bioaccumulative potential

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

EBAB 0.79 log Pow

Behaviour in environmental systems:

12.4 Mobility in soil No further relevant information available.

Additional ecological information:

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

12.5 Results of PBT and vPvB assessment

PBT: Does not contain PBT substances.

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vPvB: Does not contain vPvB substances.

12.6 Other adverse effects No further relevant information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Dispose of the product in accordance with national and local regulations.

European	European waste catalogue		
	waste adhesives and sealants containing organic solvents or other hazardous substances		
HP8	Corrosive		
HP13	Sensitising		
HP14	Ecotoxic		

Uncleaned packaging:

Recommendation: Dispose of packaging according to regulations on the disposal of packagings.

SECTION 14: Transport infor	mation
14.1 UN-Number ADR, IMDG, IATA	UN2735
14.2 UN proper shipping name ADR	2735 AMINES, LIQUID, CORROSIVE, N.O.S (ISOPHORONEDIAMINE) TETRAETHYLENEPENTAMINE)
IMDG	ENVIRONMENTALLY HAZARDOUS AMINES, LIQUID, CORROSIVE, N.O.S (ISOPHORONEDIA MINE TETRAETHYLENEPENTAMINE), MARINE POLLUTANT
IATA	AMINES, LIQUID, CORROSIVE, N.O.S (ISOPHORONEDIAMINE TETRAETHYLENEPENTAMINE)
14.3 Transport hazard class(es)	
ADR	
Class Label	8 (C7) Corrosive substances.

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IMDG





Class 8 Corrosive substances.

Label

IATA



Class 8 Corrosive substances.

Label

14.4 Packing group ADR, IMDG, IATA

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14.5 Environmental hazards: Product contains environmentally hazardous

substances: Fatty acids, tall-oil, reaction products

with tetraethylenepentamine

Marine pollutant: Yes

Symbol (fish and tree) Special marking (ADR): Symbol (fish and tree)

14.6 Special precautions for user Warning: Corrosive substances.

Hazard identification number (Kemler code): 80 **EMS Number:** F-A,S-B Segregation groups Alkalis **Stowage Category** Α

Segregation Code SG35 Stow "separated from" SGG1-acids

14.7 Transport in bulk according to Annex II

of Marpol and the IBC Code Not applicable.

Transport/Additional information:

Limited quantities (LQ) 5L Code: E1 **Excepted quantities (EQ)**

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 1000

ml

Transport category 3 **Tunnel restriction code** Ε

IMDG

Limited quantities (LQ) 5L

Excepted quantities (EQ) Code: E1

> Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000

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UN "Model Regulation":

UN 2735 AMINES, LIQUID, CORROSIVE, N.O.S. (ISOPHORONE DIAMINE TETRAETHYLENEPENTAMINE), 8, III, **ENVIRONMENTALLY HAZARDOUS**

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)

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.

Seveso category E2 Hazardous to the Aquatic Environment

Qualifying quantity (tonnes) for the application of lower-tier requirements 200 t

Qualifying quantity (tonnes) for the application of upper-tier requirements 500 t

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

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 quarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases

H302 Harmful if swallowed.

H312 Harmful in contact with skin.

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

H411 Toxic to aquatic life with long lasting effects.

H412 Harmful to aquatic life with long lasting effects.

Department issuing SDS:

Saint-Gobain Finland Oy / Weber

QEHS

P.O.Box 70 (Strömberginkuja 2)

FI-00381 Helsinki

Contact:

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

Fax +358-(0)10-44 22 520

Abbreviations and acronyms:

ADR: Accord européen sur le transport 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

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ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (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 - oral – 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

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard - Category 1 Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard - Category 1 Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard - Category 2 Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard - Category 3

* Data compared to the previous version altered.

According to Annex II of the REACH regulation, the modified sections in this version of the Safety Data Sheet in comparison with the previous one are marked with asterisks.

EUG