

Printing date 28.03.2024 Version number 6 Revision: 11.05.2023

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

1.1 Product identifier

Trade name: weber.tec Superflex D 2 Komp.A

Safety data sheet no.: 49PD20279-a

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

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

The product is not classified according to the CLP regulation.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 Void

Hazard pictograms Void

Signal word Void

Hazard statements Void

Additional information:

Information according to Biocidal Products Regulation (EU) 528/2012: contains

Active substance for preservation during storage: reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3- one [EC no. 220-239-6] (3:1) (CAS no.: 55965-84-9)

EUH208 Contains reaction mass of 5-chloro-2- methyl-2H-isothiazol-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3- one [EC no. 220-239-6] (3:1), 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.

2.3 Other hazards

Results of PBT and vPvB assessment

PBT: Does not contain PBT substances. **vPvB:** Does not contain vPvB substances.

- EUG



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SECTION 3: Composition/information on ingredients

3.2 Mixtures

Description: Aqueous artificial resin dispersion on the basis of polystyrene acrylate.

Dangerous components:		
EINECS: 220-120-9 Index number: 613-088-00-6 Reg.nr.: 01-2120761540-60-xxxx	1,2-benzisothiazol-3(2H)-one Eye Dam. 1, H318; Aquatic Acute 1, H400 (M=1); Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1, H317 Specific concentration limit: Skin Sens. 1;H317: C ≥ 0.05 %	<0.05%
EC number: 611-341-5 Index number: 613-167-00-5	reaction mass of 5-chloro-2- methyl-2H-isothiazol-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3- one [EC no. 220-239-6] (3:1) Acute Tox. 3, H301; Acute Tox. 2, H310; Acute Tox. 2, H330; Skin Corr. 1C, H314; Eye Dam. 1, H318; Aquatic Acute 1, H400 (M=100); Aquatic Chronic 1, H410 (M=100); Skin Sens. 1A, H317, EUH071 Specific concentration limits: Skin Corr. 1C;H314: C ≥ 0.6 % Skin Irrit. 2; H315: 0.06 % ≤ C < 0.6 % Eye Dam. 1; H318: C ≥ 0.6 % Eye Irrit. 2; H319: 0.06 % ≤ C < 0.6 % Skin Sens. 1A; H317: C ≥ 0.0015 %	

SVHC Void

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.

After inhalation Supply fresh air; consult doctor in case of complaints.

After skin contact

Immediately wash with water and soap and rinse thoroughly.

Generally the product does not irritate the skin.

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

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

No further relevant information available.

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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

When water is vaporized, generation of toxic gases can not be excluded, e.g.:

Carbon monoxide (CO)

5.3 Advice for firefighters

Protective equipment: Use methods suitable to surrounding conditions.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

6.2 Environmental precautions: 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).

6.4 Reference to other sections See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling Store in cool, dry place in tightly closed receptacles. **Information about fire - and explosion protection:** No special measures required.

7.2 Conditions for safe storage, including any incompatibilities

Storage

Requirements to be met by storerooms and receptacles:

Store in a cool location.

Store only in unopened original receptacles.

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

Further information about storage conditions:

Protect from freezing.

Store in cool, dry conditions in well sealed receptacles.

Recommended storage temperature: 5-30°C.

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.

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DNELs		(Contd. of page
	I-33-5 1,2-benzisothiazo	\.\.2/2∐\.ono
	·	
Dermal	Derived No Effect Level	0.966 mg/kgxday (worker systemic long term value)
		0.345 mg/kgxday (consumer systemic long term value)
Inhalative	Derived No Effect Level	6.81 mg/m³ (worker systemic long term value)
		1.2 mg/m³ (consumer systemic long term value)
CAS: 5596		of 5-chloro-2- methyl-2H-isothiazol-3-one [EC no. 247-500-7 I-isothiazol-3- one [EC no. 220-239-6] (3:1)
Oral	Derived No Effect Level	0.09 mg/kgxday (consumer systemic long term value)
Inhalative	Derived No Effect Level	0.02 mg/m³ (worker local long term value)
		0.02 mg/m³ (consumer local long term value)
PNECs		
CAS: 2634	1-33-5 1,2-benzisothiazo	ol-3(2H)-one
Predicted I	No-Effect Concentration	3 mg/kgxdwt (earth rating factor)
Predicted I	No-Effect Concentration	0.000403 mg/l (sea water rating factor)
		0.00403 mg/l (fresh water rating factor)
CAS: 5596		of 5-chloro-2- methyl-2H-isothiazol-3-one [EC no. 247-500-7 I-isothiazol-3- one [EC no. 220-239-6] (3:1)
Predicted I	No-Effect Concentration	0.01 mg/kgxdwt (earth rating factor)
Predicted I	No-Effect Concentration	0.00339 mg/l (sea water rating factor)
		0.00339 mg/l (fresh water rating factor)
CAS N	lo. / Designation of mat	erial / % / Type / Value / Unit
CAS: 2634	1-33-5 1,2-benzisothiazo	ol-3(2H)-one
MAK (Gerr	many) vgl.Abschn.llb un	d Xc
CAS: 5596		of 5-chloro-2- methyl-2H-isothiazol-3-one [EC no. 247-500- l-isothiazol-3- one [EC no. 220-239-6] (3:1)
MAK (Gerr	many) Long-term value: vgl.Abschn.Xc	0.2E mg/m ³

Additional information:

The applicable TRGS 900 (MAK list) was used as the basis for the preparation and/or revision of this safety data sheet.

8.2 Exposure controls

Appropriate engineering controls No further data; see section 7.

Individual protection measures, such as 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.

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

Do not eat or drink while working.

Respiratory protection: Not necessary if room is well-ventilated.

Hand protection Protective gloves.

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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 Butyl rubber, BR Nitrile rubber, NBR Chloroprene rubber, CR

Recommended thickness of the material: ≥ (Butyl) 0.7mm; (NBR) 0.4mm; (CR) 0.5 mm

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a mixture 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.

Penetration time of glove material

Breakthrough time: > 480 min Value for the permeation: Level ≤ 6

The exact breaktrough time has to be found out by the manufacturer of the protective gloves and has

to be observed.

Eye/face protection Goggles recommended during refilling

Body protection: Protective work clothing.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Colour: According to product specification

Odour: Characteristic
Odour threshold: Not determined.

Melting point/freezing point: 0 ° C

Boiling point or initial boiling point and

boiling range 100 °C (DIN)

Lower and upper explosion limit

Lower: Not determined.
Upper: Not determined.
Flash point: Not applicable
Auto-ignition temperature: Not determined.
Decomposition temperature: Not determined.
pH at 20 °C ca.3,0-5.0 (DIN 19261)

Viscosity:

Kinematic viscosity Not determined.

dynamic at 20 °C: ca.3000-5000 mPas (DIN 53019)

Solubility

Water: Fully miscible
Partition coefficient n-octanol/water (log value) Not determined.
Vapour pressure at 20 °C: 23 hPa (DIN 51640)

Density and/or relative density

Density at 20 °C: 1.026 g/cm³ (DIN 51757)

Bulk density: Not applicable. Vapour density Not determined.

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9.2 Other information

None.

Appearance:

None

Form:

Fluid

Void

Void

Void

Important information on protection of health

and environment, and on safety.

Ignition temperature: Product is not self-igniting.

Explosive properties: Product does not present an explosion hazard.

Minimum ignition energy

Solvent separation test: Not applicable.

Solvent content:

 Organic solvents:
 0.0 %

 EU-VOC (%)
 0.0000 %

 EU-VOC (g/L)
 0.0000 g/l

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

SECTION 10: Stability and reactivity

10.1 Reactivity No further relevant information available.

10.2 Chemical stability

Organic peroxides

Corrosive to metals

Desensitised explosives

Thermal decomposition / Conditions to be avoided:

No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions No dangerous reactions known

10.4 Conditions to avoid No further relevant information available.

10.5 Incompatible materials: No further relevant information available.

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10.6 Hazardous decomposition products: No dangerous decomposition products known.

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:

Compone	nts	/ Type / Value / Species	
Aqueous dispersion of a polymer based on: acrylic acid ester, styrene.			
Oral	LD50	>2,000 mg/kg (Rat)	
CAS: 2634-33-5 1,2-benzisothiazol-3(2H)-one			
Oral	LD50	>490 mg/kg (Rat)	
Dermal	LD50	>2,000 mg/kg (Rat)	
CAS: 55965-84-9 reaction mass of 5-chloro-2- methyl-2H-isothiazol-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3- one [EC no. 220-239-6] (3:1)			
Oral	LD50	457 mg/kg (Rat)	
Dermal	LD50	660 mg/kg (Rabbit)	
Inhalative	LC50/4 h	2.36 mg/l (Rat)	

Skin corrosion/irritation Based on available data, the classification criteria are not met.

Serious eye damage/irritation Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation Based on available data, the classification criteria are not met.

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.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity: No further relevant information available.

Type of test	Type of test / Effective concentration / Method / Assessment			
Aqueous dis	Aqueous dispersion of a polymer based on: acrylic acid ester, styrene.			
LC50/96h	>100 mg/l (Brachydanio rerio (zebra danio))			
EC50/48h	>100 mg/l (Daphnia magna)			
CAS: 2634-3	CAS: 2634-33-5 1,2-benzisothiazol-3(2H)-one			
LC50/96h	2.2 mg/l (Fish)			
EC50/16h	0.4 mg/l (Pseudomonas putida (Bacteria))			
EC50/48h	2.9 mg/l (aquatic invertebrates)			

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	EC50/72h	0.11 mg/l (aquatic algae and cyanobacteria)
		0.067 mg/l (Pseudomonas putida (Bacteria))
	NOEC (72h)	0.0403 mg/l (aquatic algae and cyanobacteria)
CAS: 55965-84-9 reaction mass of 5-chloro-2- methyl-2H-isothiazol-3-one [EC no. 247-500 and 2-methyl-2H-isothiazol-3- one [EC no. 220-239-6] (3:1)		
	LC50/48h	0.18 mg/l (Daphnia magna)
	LC50/96h	0.282 mg/l (Daphnia magna)
		0.19-0.3 mg/l (Fish)
	EC50/24h	0.109 mg/l (Daphnia magna)
		0.0107 mg/l (aquatic algae and cyanobacteria)
	EC50/48h	0.16 mg/l (Daphnia magna)
		0.0181-0.0371 mg/l (aquatic algae and cyanobacteria)
İ	EC50/96h	0.0357 mg/l (aquatic algae and cyanobacteria)
İ	EC50/72h	0.0063-0.0273 mg/l (aquatic algae and cyanobacteria)
	NOEC (14d)	0.035 mg/l (Daphnia magna)
	NOEC (21d)	0.011-1.05 mg/l (Daphnia magna)
	NOEC (28d)	0.098 mg/l (Fish)

12.2 Persistence and degradability No further relevant information available.

Other information: The product is not easily biodegradable.

12.3 Bioaccumulative potential

CAS: 2634-33-5 1,2-benzisothiazol-3(2H)-one

EBAB 0.7 log Pow

CAS: 55965-84-9 reaction mass of 5-chloro-2- methyl-2H-isothiazol-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3- one [EC no. 220-239-6] (3:1)

EBAB 0.75 log Pow

12.4 Mobility in soil No further relevant information available.

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 No further relevant information available.

Remark: The product contains substances which causes severe clouding in water

Behaviour in sewage processing plants:

Type of test / Effective concentration / Method / Assessment
CAS: 2634-33-5 1,2-benzisothiazol-3(2H)-one
EC 50 (3h) 10.3 mg/l (microorganisms)
CAS: 55965-84-9 reaction mass of 5-chloro-2- methyl-2H-isothiazol-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3- one [EC no. 220-239-6] (3:1)

EC 50 (3h) 4.5 mg/l (microorganisms)

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Additional ecological information:

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

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Recommendation

After prior treatment product has to be landfilled adhering to the regulations pertaining to the disposal of particularly hazardous waste.

European waste catalogue

08 01 12 waste paint and varnish other than those mentioned in 08 01 11

Uncleaned packaging:

Recommendation:

Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.

Recommended cleaning agent: Water, if necessary together with cleansing agents.

SECTION 14: Transport informat	ion
14.1 UN number or ID number ADR, ADN, IMDG, IATA	Void
14.2 UN proper shipping name ADR, ADN, IMDG, IATA	Void
14.3 Transport hazard class(es)	
ADR, ADN, IMDG, IATA Class	Void
14.4 Packing group ADR, IMDG, IATA	Void
14.5 Environmental hazards:	Not applicable.
14.6 Special precautions for user	Not applicable.
14.7 Maritime transport in bulk accordi IMO instruments	ing to Not applicable.
Transport/Additional information:	Not dangerous according to the above specifications
UN "Model Regulation":	Void

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)

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Regulation (EC) No 1272/2008 (CLP)

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

Regulation (EU) 528/2012 (Biocidal Product Regulation), cf. section 2

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.

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 Sheets is in compliance with Population (EC) No 1907/2006. Article 31 as amended

This Safety Data Sheets 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.

- H301 Toxic if swallowed.
- H302 Harmful if swallowed.
- H310 Fatal in contact with skin.
- H314 Causes severe skin burns and eye damage.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H330 Fatal if inhaled.
- H400 Very toxic to aquatic life.
- H410 Very toxic to aquatic life with long lasting effects.
- EUH071 Corrosive to the respiratory tract.

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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:

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

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. 3: Acute toxicity - Category 3

Acute Tox. 4: Acute toxicity - Category 4 Acute Tox. 2: Acute toxicity - Category 2

Skin Corr. 1C: Skin corrosion/irritation - Category 1C

Skin Irrit. 2: Skin corrosion/irritation - Category 2

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 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

* 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.