Safety Data Sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 04.03.2025 Version number 5 Revision: 28.02.2025

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

1.1 Product identifier
Trade name: weber.fug 881

Safety data sheet no.: 49PX20227
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 Spacings sealent

1.3 Details of the supplier of the safety data sheet
Manufacturer/Supplier:
Saint-Gobain Weber GmbH
Willstätterstraße 60
D-40549 Düsseldorf
+49(0)211/91369-0
e-mail: Produktsicherheit@sg-weber.de
1.4 Emergency telephone number:
Emergency medical information in case of poisoning:
Poison Information Centre Mainz - Tel.: +49 (0) 6131 19240 (advice in German or English)

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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: 2-n-butyl-benzo[d]isothiazol-3-one (CAS no. 4299-07-4)
EUH210 Safety data sheet available on request.
2.3 Other hazards
Results of PBT and vPvB assessment
PBT: Does not contain PBT substances.
vPvB: Does not contain vPvB substances.

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SECTION 3: Composition/information on ingredients

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

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Dangerous components:		
CAS: 2768-02-7 EINECS: 220-449-8 Index number: 014-049-00-0 Reg.nr.: 01-2119513215-52-xxxx	trimethoxyvinylsilane Flam. Liq. 3, H226; Acute Tox. 4, H332; Skin Sens. 1B, H317	≥1 – <5%
CAS: 1760-24-3 EINECS: 217-164-6 Reg.nr.: 01-2119970215-39-xxxx	N-(3-(trimethoxysilyl)propyl)ethylenediamine Eye Dam. 1, H318; Skin Sens. 1B, H317; STOT SE 3, H335	<1%

SVHC Void
Additional information For the wording of the listed hazard statements refer to section 16.

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SECTION 4: First aid measures

4.1 Description of first aid measures
General information
Immediately remove any clothing soiled by the product.
Take affected persons out into the fresh air.
After inhalation Supply fresh air; consult doctor in case of complaints.
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. If symptoms persist, consult a doctor. Rinse liquid should be tempered (20-30°C).
Remove contact lenses, if present and easy to do.
After swallowing
Rinse out mouth and then drink plenty of water.
Do not induce vomiting; call for medical help 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
Water spray
Fire-extinguishing powder
Carbon dioxide
Foam
5.2 Special hazards arising from the substance or mixture
Formation of toxic gases is possible during heating or in case of fire.
5.3 Advice for firefighters
Protective equipment: Wear self-contained respiratory protective device.

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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:
The product must not get into lakes, rivers or canals, the sewage system or into the soil. Dam up or trap any escaping fluid immediately.
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:
Ensure adequate ventilation.
Pick up mechanically.
Dispose of the material collected according to regulations.
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.

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SECTION 7: Handling and storage

7.1 Precautions for safe handling
Store in cool, dry place in tightly closed receptacles.
Ensure good ventilation/exhaustion at the workplace.
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.
Information about storage in one common storage facility: Not required.
Further information about storage conditions:
Store in cool, dry conditions in well sealed receptacles.
Protect from heat and direct sunlight.
Recommended storage temperature: 5-30°C.
7.3 Specific end use(s) No further relevant information available.

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SECTION 8: Exposure controls/personal protection

8.1 Control parameters
Ingredients with limit values that require monitoring at the workplace:

DNELs		
CAS: 2768-02-7 trimethoxyvinylsilane		
Oral	Derived No Effect Level	0.63 mg/kgxday (consumer systemic long term value)
Dermal	Derived No Effect Level	0.91 mg/kgxday (worker systemic long term value)
		0.63 mg/kgxday (consumer systemic long term value)
Inhalative	Derived No Effect Level	27.6 mg/m³ (worker systemic long term value)
		6.8 mg/m³ (consumer systemic long term value)

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CAS: 1760-24-3 N-(3-(trimethoxysilyl)propyl)ethylenediamine		
Oral	Derived No Effect Level	4 mg/kgxday (consumer systemic long term value)
Inhalative	Derived No Effect Level	130 mg/m³ (worker systemic long term value)
		26 mg/m³ (consumer systemic long term value)

PNECs	
CAS: 2768-02-7 trimethoxyvinylsilane	
Predicted No-Effect Concentration	0.06 mg/kgxdwt (earth rating factor)
Predicted No-Effect Concentration	0.04 mg/l (sea water rating factor)
	0.4 mg/l (fresh water rating factor)
CAS: 1760-24-3 N-(3-(trimethoxysilyl)propyl)ethylenediamine	
Predicted No-Effect Concentration	0.007 mg/kgxdwt (earth rating factor)
Predicted No-Effect Concentration	0.005 mg/l (sea water rating factor)
	0.05 mg/l (fresh water rating factor)

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.
Wash hands before breaks and at the end of work.
Immediately remove all soiled and contaminated clothing.
Avoid contact with the eyes and skin.
Do not eat or drink while working.
Keep away from foodstuffs, beverages and feed.
Respiratory protection: Not necessary if room is well-ventilated.
Hand protection
Protective gloves.
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: ≥ (Nitril) 0.1 mm; (Butyl) 0.3 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 Protective eyewear (standard EN 166)

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Body protection: Protective work clothing.

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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties	
General Information	
Physical state	Liquid
Colour:	Different according to colouring
Odour:	Characteristic
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:	Not determined.
Upper:	Not determined.
Flash point:	>100 °C
Auto-ignition temperature:	Not determined.
Decomposition temperature:	Not determined.
pH	Not applicable.
Viscosity:	
Kinematic viscosity	Not determined.
dynamic:	Not determined.
Solubility	
Water:	Not miscible or difficult to mix
Partition coefficient n-octanol/water (log value)	Not determined.
Vapour pressure:	Not determined.
Density and/or relative density	
Density at 20 °C:	1.025 g/cm³
Relative density	Not determined.
Bulk density:	Not applicable.
Vapour density	Not determined.
9.2 Other information	None.
Appearance:	
Form:	Pasty
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 determined
EU-VOC (%)	<1.0000 %
Change in condition	
Softening point/range	
Oxidising properties	Not determined.
Evaporation rate	Not determined.

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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

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SECTION 10: Stability and reactivity

10.1 Reactivity No further relevant information available.
10.2 Chemical stability
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 Avoid heat, sparkles, naked flame or other sources of ignition.
10.5 Incompatible materials: Heat sources
10.6 Hazardous decomposition products: No dangerous decomposition products known.

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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: 2768-02-7 trimethoxyvinylsilane		
Oral	LD50	>6,899 mg/kg (Rat)
Dermal	LD50	>3,158 mg/kg (Rabbit)
Inhalative	LC50/4 h	16.8 mg/l (Rat)
CAS: 1760-24-3 N-(3-(trimethoxysilyl)propyl)ethylenediamine		
Oral	LD50	2,295 mg/kg (Rat)
Dermal	LD50	>2,000 mg/kg (Rabbit)

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Primary irritant effect:
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
The mixture is not classified for skin sensitisation based on test data (OECD 497)
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: Not classified as harmful to aquatic life

Type of test / Effective concentration / Method / Assessment	
CAS: 2768-02-7 trimethoxyvinylsilane	
LC50/96h	100-191 mg/l (Fish)
EC50/24h	297.2 mg/l (aquatic invertebrates)
EC50/48h	100-168.7 mg/l (aquatic invertebrates)
EC50/72h	>64 mg/l (aquatic algae and cyanobacteria)
NOEC (72h)	89 mg/l (Algae)
NOEC (96h)	100 mg/l (Fish)
NOEC (21d)	28.1 mg/l (aquatic invertebrates)
CAS: 1760-24-3 N-(3-(trimethoxysilyl)propyl)ethylenediamine	
LC50/96h	597 mg/l (Fish)
EC50/16h	67 mg/l (microorganisms)
EC50/48h	81 mg/l (aquatic invertebrates)
EC50/96h	11 mg/l (aquatic algae and cyanobacteria)
EC50/72h	5.5-8.8 mg/l (aquatic algae and cyanobacteria)
NOEC (72h)	1.6-3.1 mg/l (aquatic algae and cyanobacteria)
NOEC (96h)	6.3 mg/l (aquatic algae and cyanobacteria)
	344 mg/l (Fish)
NOEC (48h)	35 mg/l (aquatic invertebrates)
NOEC (21d)	≥1 mg/l (aquatic invertebrates)
EC 10/16h	25 mg/l (microorganisms)

12.2 Persistence and degradability The product is not biodegradable.

Method	
CAS: 2768-02-7 trimethoxyvinylsilane	
Biod. (28 days)	51 % (Biodegradation)

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CAS: 1760-24-3 N-(3-(trimethoxysilyl)propyl)ethylenediamine	
Biod. (28 days)	39 % (DOC-decrease)

12.3 Bioaccumulative potential	
CAS: 2768-02-7 trimethoxyvinylsilane	
EBAB	1.1 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

Behaviour in sewage processing plants:

Type of test / Effective concentration / Method / Assessment	
CAS: 2768-02-7 trimethoxyvinylsilane	
EC 50 (3h)	100 mg/l (microorganisms)

Additional ecological information:

General notes:
Do not allow product to reach ground water, water course or sewage system.
Danger to drinking water if even small quantities leak into the ground.

SECTION 13: Disposal considerations

13.1 Waste treatment methods
Recommendation
After prior treatment, the product has to be landfilled or incinerated adhering to the regulations pertaining to the disposal of especially hazardous waste.

European waste catalogue	
08 04 10	waste adhesives and sealants other than those mentioned in 08 04 09

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 information

14.1 UN number or ID number	
ADR, ADN, IMDG, IATA	Void
14.2 UN proper shipping name	
ADR, ADN, IMDG, IATA	Void

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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 according to IMO instruments	Not applicable.
Transport/Additional information:	Not dangerous according to the above specifications.
UN "Model Regulation":	Void

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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)
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 (EU) 2017/852 on mercury (Annex I)
None of the ingredients is listed.

REGULATION (EU) 2019/1021 on persistent organic pollutants (POP)
None of the ingredients is listed.

Regulation (EU) No 649/2012
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.

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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.

REGULATION (EU) 2024/590 on substances that deplete the ozone layer

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 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.
H226 Flammable liquid and vapour.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H332 Harmful if inhaled.
H335 May cause respiratory irritation.

Department issuing SDS: Product safety department.
Contact: Produktsicherheit@sg-weber.de
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
Flam. Liq. 3: Flammable liquids – Category 3
Acute Tox. 4: Acute toxicity – Category 4
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
Skin Sens. 1B: Skin sensitisation – Category 1B
STOT SE 3: Specific target organ toxicity (single exposure) – 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.