

## Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 08.09.2022

Version number 3 (replaces version 2)

Revision: 08.09.2022

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

**1.1 Product identifier**

Trade name weber.therm 309

Safety data sheet no.: 49PM20049

**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** Coat adhesive

**1.3 Details of the supplier of the safety data sheet**

**Manufacturer/Supplier:**

Saint Gobain Weber GmbH

Schanzenstr. 84

D-40549 Düsseldorf

+49(0)211/91369-0

email: 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)

### 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.

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.

### SECTION 3: Composition/information on ingredients

**3.2 Mixtures**

**Description:** Acrylate dispersion

**Dangerous components:**

|                                      |   |        |
|--------------------------------------|---|--------|
| CAS: 14808-60-7<br>EINECS: 238-878-4 | Silicon dioxide (Quartz sand) substance with a Community workplace exposure limit | 25-50% |
|--------------------------------------|---|--------|

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|---|--|--------------------|
| CAS: 2634-33-5<br>EINECS: 220-120-9<br>Index number: 613-088-00-6<br>Reg.nr.: 01-2120761540-60-xxxx     | 1,2-benzisothiazol-3(2H)-one<br>Eye Dam. 1, H318; Aquatic Acute 1, H400; Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1, H317<br>Specific concentration limit:<br>Skin Sens. 1; H317: C ≥ 0.05 %  | <0.05%             |
| CAS: 55965-84-9<br>EC number: 611-341-5<br>Index number: 613-167-00-5<br>Reg.nr.: 01-2120764691-48-xxxx | 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)<br>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<br>Specific concentration limits:<br>Skin Corr. 1C; H314: C ≥ 0.6 %<br>Skin Irrit. 2; H315: 0.06 % ≤ C < 0.6 %<br>Eye Dam. 1; H318: C ≥ 0.6 %<br>Eye Irrit. 2; H319: 0.06 % ≤ C < 0.6 %<br>Skin Sens. 1A; H317: C ≥ 0.0015 % | ≥0.00025-<0.0015%  |

**SVHC** Void

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

**General information** Immediately remove any clothing soiled by the product.

**After inhalation** not relevant (liquid preparation without volatile substances).

#### 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.

#### 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.:

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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 clothing.

**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** No special measures required.

**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 only in unopened original receptacles.

Store in a cool location.

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

**Further information about storage conditions:**

Store in cool, dry conditions in well sealed receptacles.

Protect from heat and direct sunlight.

Protect from freezing.

**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.

| CAS No.  | Designation of material  | % | Type | Value | Unit |
|--|--|---|------|-------|------|
| <b>CAS: 14808-60-7 Silicon dioxide (Quartz sand)</b> |  |   |      |       |      |
| BOELV (European Union)                               | Long-term value: 0.1* mg/m <sup>3</sup><br>*respirable fraction                  |   |      |       |      |
| MAK (Germany)  | Long-term value: 0.05 mg/m <sup>3</sup><br>alveolengängige Fraktion              |   |      |       |      |
| GV (Denmark)   | Long-term value: 0.3* 0.1** mg/m <sup>3</sup><br>*total, **total, respirabel, EK |   |      |       |      |
| LEP (Spain)  | Long-term value: 0.05 mg/m <sup>3</sup><br>*Fracción resp:n,d,y                  |   |      |       |      |

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|  |  |
|--|--|
| TWA (Italy)  | Long-term value: 0.025 mg/m <sup>3</sup><br>A2, (j)                                      |
| VLE (Portugal)   | Long-term value: 0.025 mg/m <sup>3</sup><br>Resp.;A2; fibrose pulmonar; cancro do pulmão |
| OEL (Sweden)   | Long-term value: 0.1 mg/m <sup>3</sup><br>C, M, respirabel fraktion                      |
| HTP (Finland)  | Long-term value: 0.05 0.1* mg/m <sup>3</sup><br>alveolijae;*sitovat raja-arvot, pöly     |
| <b>CAS: 2634-33-5 1,2-benzisothiazol-3(2H)-one</b>   |  |
| MAK (Germany)  | vgl.Abschn.IIb und Xc  |
| <b>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)</b> |  |
| MAK (Germany)  | Long-term value: 0.2E mg/m <sup>3</sup><br>vgl.Abschn.Xc                                 |

**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 item 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.

Avoid contact with the eyes and skin.

**Respiratory protection:** Not required.

**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

Recommended thickness of the material:  $\geq 0.4$  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  $\leq 6$

The exact breakthrough time has to be found out by the manufacturer of the protective gloves and has to be observed.

**Eye/face protection** Safety glasses.

**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

|   |                                    |
|---|------------------------------------|
| <b>Colour:</b>  | According to product specification |
| <b>Odour:</b>   | Characteristic                     |
| <b>Odour threshold:</b>   | Not determined.                    |
| <b>Melting point/freezing point:</b>                            | 0 °C (DIN ISO 3016)                |
| <b>Boiling point or initial boiling point and boiling range</b> | 100 °C (DIN)                       |
| <b>Lower and upper explosion limit</b>                          |                                    |
| <b>Lower:</b>   | Not determined.                    |
| <b>Upper:</b>   | Not determined.                    |
| <b>Flash point:</b>   | Not applicable                     |
| <b>Ignition temperature:</b>                                    | Not determined.                    |
| <b>Decomposition temperature:</b>                               | Not determined.                    |
| <b>pH at 20 °C</b>  | 9.0 (DIN 19261)                    |
| <b>Viscosity:</b>   |                                    |
| <b>Kinematic viscosity</b>                                      | Not determined.                    |
| <b>dynamic:</b>   | Not determined.                    |
| <b>Solubility</b>   |                                    |
| <b>Water:</b>   | Fully miscible                     |
| <b>Partition coefficient n-octanol/water (log value)</b>        | Not determined.                    |
| <b>Vapour pressure:</b>   | Not determined.                    |
| <b>Density and/or relative density</b>                          |                                    |
| <b>Density at 20 °C:</b>  | 1.73 g/cm <sup>3</sup> (DIN 51757) |
| <b>Bulk density:</b>  | Not applicable.                    |
| <b>Vapour density</b>   | Not determined.                    |

#### 9.2 Other information

|  |   |
|--|---|
| <b>Appearance:</b>   | None.   |
| <b>Form:</b>   | Fluid   |
| <b>Important information on protection of health and environment, and on safety.</b> |   |
| <b>Auto-ignition temperature:</b>  | Product is not selfigniting.                  |
| <b>Explosive properties:</b>   | Product does not present an explosion hazard. |
| <b>Minimum ignition energy</b>   |   |
| <b>Solvent separation test:</b>  | Not applicable.                               |
| <b>Solvent content:</b>  |   |
| <b>Organic solvents:</b>   | 0.0 %   |
| <b>EU-VOC (%)</b>  | 0.0000 %                                      |
| <b>EU-VOC (g/L)</b>  | -0.0000 g/l                                   |
| <b>Change in condition</b>   |   |
| <b>Softening point/range</b>   |   |
| <b>Oxidising properties</b>  | Not determined.                               |
| <b>Evaporation rate</b>  | Not determined.                               |

#### Information with regard to physical hazard classes

|                        |      |
|------------------------|------|
| <b>Explosives</b>      | Void |
| <b>Flammable gases</b> | Void |

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

### 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** No further relevant information available.

**10.5 Incompatible materials:** No further relevant information available.

**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:**

| Components                              | Type | Value        | Species |
|---|------|--------------|---------|
| <b>CAS: 1317-65-3 calcium carbonate</b> |      |              |         |
| Oral                                    | LD50 | >5,000 mg/kg | (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.

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**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 | Effective concentration | Method | Assessment |
|--------------|-------------------------|--------|------------|
|--------------|-------------------------|--------|------------|

**CAS: 1317-65-3 calcium carbonate**

|          |              |                                       |
|----------|--------------|---------------------------------------|
| LC50/96h | >10,000 mg/l | (Oncorhynchus mykiss (Rainbow trout)) |
|----------|--------------|---------------------------------------|

|          |             |                 |
|----------|-------------|-----------------|
| EC50/48h | >1,000 mg/l | (Daphnia magna) |
|----------|-------------|-----------------|

|          |           |         |
|----------|-----------|---------|
| EC50/72h | >200 mg/l | (Algae) |
|----------|-----------|---------|

**12.2 Persistence and degradability** No further relevant information available.

**Other information:** The product is not easily biodegradable.

**12.3 Bioaccumulative potential** No further relevant information available.

**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

**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 16 | aqueous sludges containing paint or varnish other than those mentioned in 08 01 15 |
|----------|--|

**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.

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### SECTION 14: Transport information

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

### SECTION 15: Regulatory information

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

Directive 2004/42/CE (VOC), cf. section 9  
 Regulation (EU) 528/2012 (Biocidal Product Regulation), cf. section 2  
 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 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.

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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.

**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.

**Relevant phrases**

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.  
H330 Fatal if inhaled.  
H400 Very toxic to aquatic life.  
H410 Very toxic to aquatic life with long lasting effects.

**Department issuing SDS:** Product safety department.**Contact:** Produktsicherheit@sg-weber.de; tel. +49(0)2363/399-210**Version number of previous version:** 2**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)  
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.