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

Printing date 13.10.2020 Version number 3 Revision: 13.10.2020

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

1.1 Product identifier
Trade name weber.therm 377

Safety data sheet no.: 49PM20050
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 Weber GmbH
Schanzenstr. 84
D-40549 Düsseldorf
+49(0)211/91369-0
email: Produktsicherheit@sg-weber.de
1.4 Emergency telephone number: Telefon: +49(0)6131-19240

*
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 regulation (EU) 528/2012: contains
Active substance for preservation during storage: reaction mass of: 5-chloro-2-methyl-4-isothiazolin-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-4-isothiazolin-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.

SECTION 3: Composition/information on ingredients

3.2 Chemical characterisation: Mixtures
Description: Acrylate dispersion

Dangerous components:		
CAS: 14808-60-7 EINECS: 238-878-4	Siliciumdioxide (Quartz sand) substance with a Community workplace exposure limit	25-50%

SVHC Void

SECTION 4: First aid measures

4.1 Description of first aid measures
General information Immediately remove any clothing soiled by the product.

(Contd. on page 2)

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

Printing date 13.10.2020 Version number 3 Revision: 13.10.2020

Trade name weber.therm 377

(Contd. of page 1)

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. 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.
Information for doctor None
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
No further relevant information available.
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).
Dispose of the material collected according to regulations.
6.4 Reference to other sections See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling Keep receptacles tightly sealed.
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.
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.

(Contd. on page 3)

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

Printing date 13.10.2020 Version number 3 Revision: 13.10.2020

Trade name weber.therm 377

(Contd. of page 2)

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

*
SECTION 8: Exposure controls/personal protection

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

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

CAS No. Designation of material	%	Type	Value Unit
CAS: 14808-60-7 Siliciumdioxide (Quartz sand)			
BOELV (European Union)			Long-term value: 0.1* mg/m³ *respirable fraction
MAK (Germany)			alveolengängige Fraktion
GV (Denmark)			Long-term value: 0.3* 0.1** mg/m³ *total;**total, respirabel, K
LEP (Spain)			Long-term value: 0.05 mg/m³ *Fracción resp:n,d,y
TWA (Italy)			Long-term value: 0.025 mg/m³ A2 (r)
VLE (Portugal)			Long-term value: 0.025 mg/m³ Resp.;A2; fibrose pulmonar; cancro do pulmão
OEL (Sweden)			Long-term value: 0.1 mg/m³ C, M, respirabel fraktion
HTP (Finland)			Long-term value: 0.05 mg/m³ alveolijae

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
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.
Avoid contact with the eyes and skin.
Wash hands before breaks and at the end of work.
Respiratory protection: Not necessary if room is well-ventilated.
Protection of hands:
Protective gloves.
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
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
Recommended thickness of the material: ≥ (Butyl) 0.7 mm; (NBR) 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

(Contd. on page 4)

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

Printing date 13.10.2020 Version number 3 Revision: 13.10.2020

Trade name weber.therm 377

(Contd. of page 3)

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 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	
Appearance:	
Form:	Fluid
Colour:	According to product specification
Odour:	Characteristic
Odour threshold:	Not determined.
pH-value:	Not determined
Change in condition	
Melting point/freezing point:	0°C (water)
Initial boiling point and boiling range:	100 °C (DIN)
Flash point:	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.
Upper:	Not determined.
Oxidising properties	Not determined.
Vapour pressure at 20 °C:	23 hPa (DIN 51640)
Density:	Not determined
Bulk density:	Not applicable.
Vapour density	Not determined.
Evaporation rate	Not determined.
Solubility in / Miscibility with	
Water:	Fully miscible
Segregation coefficient (n-octanol/water) log Pow:	Not determined.
Viscosity:	
dynamic:	Not determined.
kinematic:	Not determined.
Solvent separation test:	Not determined
Solvent content:	
Organic solvents:	0.0 %
EU-VOC (%)	0.00 %
EU-VOC (g/L)	0.0 g/l

(Contd. on page 5)

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

Printing date 13.10.2020 Version number 3 Revision: 13.10.2020

Trade name weber.therm 377

(Contd. of page 4)

9.2 Other information None.

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 toxicological effects
Acute toxicity Based on available data, the classification criteria are not met.
LD/LC50 values relevant for classification:

Components	Type	Value	Species
CAS: 21645-51-2 aluminium hydroxide			
Oral	LD50	>2,000 mg/kg (Rat)	
CAS: 1317-65-3 limestone			
Oral	LD50	>5,000 mg/kg (Rat)	

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 Based on available data, the classification criteria are not met.
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: No further relevant information available.

Type of test	Effective concentration	Method	Assessment
CAS: 1317-65-3 limestone			
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 The product is not biodegradable.
12.3 Bioaccumulative potential No further relevant information available.
Behaviour in environmental systems:
12.4 Mobility in soil No further relevant information available.

(Contd. on page 6)

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

Printing date 13.10.2020 Version number 3 Revision: 13.10.2020

Trade name weber.therm 377

(Contd. of page 5)

Ecotoxical effects:
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.
12.5 Results of PBT and vPvB assessment
PBT: Does not contain PBT substances.
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
After prior treatment product has to be landfilled adhering to the regulations pertaining to the disposal of particularly hazardous waste.
European waste catalogue
Possible waste code. The concrete waste code depends on the source of the waste.

08 01 20	aqueous suspensions containing paint or varnish other than those mentioned in 08 01 19

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 **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 Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable.
Transport/Additional information:	Not dangerous according to the above specifications.
UN "Model Regulation":	Void

(Contd. on page 7)

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

Printing date 13.10.2020 Version number 3 Revision: 13.10.2020

Trade name weber.therm 377

(Contd. of page 6)

*
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

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.

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.

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