

## Baumacol Silikon

Version number: GHS 1.0

Date of compilation:  
03/20/2025

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

#### 1.1 Product identifier

Trade name	<b>Baumacol Silikon</b>
Registration number (REACH)	not relevant (mixture)
Unique formula identifier (UFI)	not relevant

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

Relevant identified uses	Observe technical data sheet
Uses advised against	Observe technical data sheet

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

Baumit Beteiligungen GmbH  
Wopfing 156  
2754 Waldegg  
Austria

Telephone: +43 5 01881 0

This number is only available during office hours:  
Mon-Fri 09:00 AM - 05:00 PM

e-mail: office@baumit.com

#### 1.4 Emergency telephone number

Poison centre			
Country	Name	Postal code/city	Telephone
Austria	Vergiftungsinformationszentrale an der 1. Medizinischen Universitätsklinik 24h Notruf Mo-So	1090 Wien	+43 (0)1 4064 343-0

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### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

##### Classification according to Regulation (EC) No 1272/2008 (CLP)

This mixture does not meet the criteria for classification in accordance with Regulation No 1272/2008/EC.

#### 2.2 Label elements

##### Labelling according to Regulation (EC) No 1272/2008 (CLP)

Not required.

##### - Precautionary statements:

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P103	Read carefully and follow all instructions.
P260	Do not breathe spray.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

#### 2.3 Other hazards

##### Results of PBT and vPvB assessment

Does not contain a PBT-/vPvB-substance at a concentration of  $\geq 0,1\%$ .

##### Endocrine disrupting properties

Does not contain an endocrine disruptor (ED) at a concentration of  $\geq 0,1\%$ .

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### SECTION 3: Composition/information on ingredients

#### 3.1 Substances

Not relevant (mixture).

#### 3.2 Mixtures

##### Description of the mixture

Name of substance	Identifier	Wt%	Classification acc. to GHS	Pictograms
Hydrocarbons, C15-C20, n-alkanes, isoalkanes, cyclics, < 0.03% aromatics	EC No 934-956-3  REACH Reg. No 01-2119827000-58-xxxx	50 – < 75	Asp. Tox. 1 / H304	
Propyltriacetoxysilane	CAS No 17865-07-5  EC No 241-816-9  REACH Reg. No 01-2119966899-07-xxxx	1 – < 3	Skin Corr. 1B / H314 Eye Dam. 1 / H318	
Methylsilanetriyl triacetate	CAS No 4253-34-3  EC No 224-221-9  REACH Reg. No 01-2119962266-32-xxxx 01-2119987097-22-xxxx	1 – < 3	Acute Tox. 4 / H302 Skin Corr. 1C / H314 Eye Dam. 1 / H318	 

#### Remarks

For full text of abbreviations: see SECTION 16

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

##### - General notes

Avoid contact with skin and eyes.

Do not leave affected person unattended. Remove victim out of the danger area. Keep affected person warm, still and covered. Take off immediately all contaminated clothing. In case of unconsciousness place person in the recovery position. Never give anything by mouth. Prevent skin contact. In all cases of doubt, or when symptoms persist, seek medical advice.

##### - Following inhalation

If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. Provide fresh air.

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**- Following skin contact**

In all cases of doubt, or when symptoms persist, seek medical advice.

**- Following eye contact**

Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart.  
Remove contact lenses, if present and easy to do. Continue rinsing.  
Seek medical advice immediately.

**- Following ingestion**

Rinse mouth with water (only if the person is conscious).  
Do NOT induce vomiting.  
Call a POISON CENTER.

**4.2 Most important symptoms and effects, both acute and delayed**

Risk of serious damage to eyes.  
Extended inhalation at levels above the occupational exposure limit values can cause irreversible damage to the lungs.

**4.3 Indication of any immediate medical attention and special treatment needed**

There is no additional information.

### SECTION 5: Firefighting measures

**5.1 Extinguishing media**

**- Suitable extinguishing media**

Water spray. BC-powder. Carbon dioxide (CO<sub>2</sub>). Non-combustible.

**- Unsuitable extinguishing media**

Water jet. Not relevant.

**5.2 Special hazards arising from the substance or mixture**

Not dust explosion capable.  
Non-combustible.

**Hazardous combustion products**

Nitrogen oxides (NO<sub>x</sub>), Carbon monoxide (CO), Carbon dioxide (CO<sub>2</sub>)

**5.3 Advice for firefighters**

In case of fire and/or explosion do not breathe fumes. Co-ordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.

### SECTION 6: Accidental release measures

**6.1 Personal precautions, protective equipment and emergency procedures**

**- For non-emergency personnel**

Remove persons to safety.

**- For emergency responders**

Wear breathing apparatus if exposed to vapours/dust/spray/gases.

**6.2 Environmental precautions**

Keep away from drains, surface and ground water (PH (value))  
Retain contaminated washing water and dispose of it.

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### 6.3 Methods and material for containment and cleaning up

#### - Advice on how to contain a spill

Covering of drains. Collect spillage.  
Use appropriate container to avoid environmental contamination.  
Wet clean or vacuum up solids.  
Don't use a brush or compressed air for cleaning surfaces or clothing.

#### - Advice on how to clean up a spill

Wipe up with absorbent material (e.g. cloth, fleece). Collect spillage: Sawdust, Kieselgur (diatomite), Sand, Universal binder

#### Appropriate containment techniques

Use of adsorbent materials.

#### - Other information relating to spills and releases

Place in appropriate containers for disposal. Ventilate affected area.

### 6.4 Reference to other sections

Hazardous combustion products: see section 5. Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13. Section 7.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

#### - Recommendations

Wearing of suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing.

#### - Measures to prevent fire as well as aerosol and dust generation

Use local and general ventilation. Use only in well-ventilated areas. Non-combustible.

#### - Advice on general occupational hygiene

Wash hands after use.  
Do not eat, drink and smoke in work areas.  
Remove contaminated clothing and protective equipment before entering eating areas.  
Never keep food or drink in the vicinity of chemicals.  
Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feedingstuffs.

### 7.2 Conditions for safe storage, including any incompatibilities

Wearing of suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing.

### 7.3 Specific end use(s)

See section 16 for a general overview.

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### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

Occupational exposure limit values (Workplace Exposure Limits)											
Country	Name of agent	CAS No	Identifier	TWA [ppm]	TWA [mg/m <sup>3</sup> ]	STEL [ppm]	STEL [mg/m <sup>3</sup> ]	Ceiling-C [ppm]	Ceiling-C [mg/m <sup>3</sup> ]	Notation	Source
AT	silica, amorphous	7631-86-9	MAK		4					i	GKV

#### Notation

Ceiling-C ceiling value is a limit value above which exposure should not occur

i inhalable fraction

STEL short-term exposure limit: a limit value above which exposure should not occur and which is related to a 15-minute period (unless otherwise specified)

TWA time-weighted average (long-term exposure limit): measured or calculated in relation to a reference period of 8 hours  
time-weighted average (unless otherwise specified)

Relevant DNELs of components						
Name of substance	CAS No	End-point	Threshold level	Protection goal, route of exposure	Used in	Exposure time
Propyltri-acetoxysilane	17865-07-5	DNEL	85.39 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	chronic - systemic effects
Propyltri-acetoxysilane	17865-07-5	DNEL	12.11 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
Methylsilanetriyl triacetate	4253-34-3	DNEL	31 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	chronic - local effects
Methylsilanetriyl triacetate	4253-34-3	DNEL	61 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	acute - local effects

Relevant PNECs of components						
Name of substance	CAS No	End-point	Threshold level	Organism	Environmental compartment	Exposure time
Propyltri-acetoxysilane	17865-07-5	PNEC	0.024 mg/l	aquatic organisms	freshwater	short-term (single instance)
Propyltri-acetoxysilane	17865-07-5	PNEC	0.002 mg/l	aquatic organisms	marine water	short-term (single instance)
Propyltri-acetoxysilane	17865-07-5	PNEC	10.55 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
Propyltri-acetoxysilane	17865-07-5	PNEC	0.015 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)

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Relevant PNECs of components						
Name of substance	CAS No	End-point	Threshold level	Organism	Environmental compartment	Exposure time
Propyltri-acetoxysilane	17865-07-5	PNEC	0.001 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
Propyltri-acetoxysilane	17865-07-5	PNEC	0.003 mg/kg	terrestrial organisms	soil	short-term (single instance)
Methylsilanetriyl triacetate	4253-34-3	PNEC	6.9 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
Methylsilanetriyl triacetate	4253-34-3	PNEC	4.8 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
Methylsilanetriyl triacetate	4253-34-3	PNEC	0.48 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
Methylsilanetriyl triacetate	4253-34-3	PNEC	0.19 mg/kg	terrestrial organisms	soil	short-term (single instance)

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### 8.2 Exposure controls

#### - Appropriate engineering controls

Use local and general ventilation

#### - Individual protection measures (personal protective equipment)



Wear eye/face protection



Wear suitable gloves Chemical protection gloves are suitable, which are tested according to EN 374 Check leak-tightness/impermeability prior to use In the case of wanting to use the gloves again, clean them before taking off and air them well For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling.



Safety footwear



Wear respiratory protection  
Filtering half mask (EN 149)

#### - Environmental exposure controls

Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.



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### SECTION 9: Physical and chemical properties

#### 9.1 Information on basic physical and chemical properties

Physical state	liquid
Form	fluid
Colour	white
Odour	characteristic
Melting point/freezing point	not determined
Boiling point or initial boiling point and boiling range	185.8 °C at 102.1 kPa
Flammability	this material is combustible, but will not ignite readily
Lower and upper explosion limit	0.5 vol% - 7 vol%
Flash point	not determined
Auto-ignition temperature	≥221 °C (auto-ignition temperature (liquids and gases))
Decomposition temperature	not relevant
pH (value)	not determined
Kinematic viscosity	50,000 mm <sup>2</sup> /s
Solubility(ies)	not determined

#### Partition coefficient

Partition coefficient n-octanol/water (log value)	this information is not available
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Vapour pressure	26 Pa at 20 °C
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#### Density and/or relative density

Density	1 g/cm <sup>3</sup>
Relative vapour density	information on this property is not available

Particle characteristics	not relevant (liquid)
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#### 9.2 Other information

9.2. Information with regard to physical hazard	hazard classes acc. to GHS (physical hazards):
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<b>1</b>	<b>classes</b>	not relevant
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### 9.2.2 Other safety characteristics

<b>Liquid content</b>	52.99 %
<b>Solid content</b>	18.99 %
<b>Temperature class (EU, acc. to ATEX)</b>	T3 (maximum permissible surface temperature on the equipment: 200°C)

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials". The product develops an alkaline pH value with moisture and can cause irritation.

### 10.2 Chemical stability

The material is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

### 10.3 Possibility of hazardous reactions

No known hazardous reactions.

### 10.4 Conditions to avoid

Protect from moisture.

### 10.5 Incompatible materials

Oxidisers.

### 10.6 Hazardous decomposition products

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5.

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### SECTION 11: Toxicological information

#### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Test data are not available for the complete mixture.

##### - Classification procedure

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

##### - Classification according to GHS (1272/2008/EC, CLP)

This mixture does not meet the criteria for classification in accordance with Regulation No 1272/2008/EC.

##### - Acute toxicity

Shall not be classified as acutely toxic.

##### - Skin corrosion/irritation

Shall not be classified as corrosive/irritant to skin.

##### - Serious eye damage/eye irritation

Shall not be classified as seriously damaging to the eye or eye irritant.

##### - Respiratory or skin sensitisation

Shall not be classified as a respiratory or skin sensitiser.

##### - Germ cell mutagenicity

Shall not be classified as germ cell mutagenic.

##### - Carcinogenicity

Shall not be classified as carcinogenic.

##### - Reproductive toxicity

Shall not be classified as a reproductive toxicant.

##### - Specific target organ toxicity - single exposure

Shall not be classified as a specific target organ toxicant (single exposure).

##### - Specific target organ toxicity - repeated exposure

Shall not be classified as a specific target organ toxicant (repeated exposure).

##### - Aspiration hazard

Shall not be classified as presenting an aspiration hazard.

#### 11.2 Information on other hazards

There is no additional information.

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### SECTION 12: Ecological information

#### 12.1 Toxicity

Shall not be classified as hazardous to the aquatic environment.

#### 12.2 Persistence and degradability

Data are not available.

#### 12.3 Bioaccumulative potential

Data are not available.

#### 12.4 Mobility in soil

Data are not available.

#### 12.5 Results of PBT and vPvB assessment

According to the results of its assessment, this substance is not a PBT or a vPvB. Does not contain a PBT-/vPvB-substance at a concentration of  $\geq 0,1\%$ .

#### 12.6 Endocrine disrupting properties

Does not contain an endocrine disruptor (ED) at a concentration of  $\geq 0,1\%$ .

#### 12.7 Other adverse effects

Data are not available.

### SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

Wet clean or vacuum up solids.

##### - Sewage disposal-relevant information

Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data sheets.

##### - Waste treatment of containers/packagings

Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

##### - Remarks

Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.

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### SECTION 14: Transport information

- |   |   |
|---|---|
| <b>14.1 UN number or ID number</b>                                  | not subject to transport regulations                                  |
| <b>14.2 UN proper shipping name</b>                                 | not relevant  |
| <b>14.3 Transport hazard class(es)</b>                              | none  |
| <b>14.4 Packing group</b>   | not assigned  |
| <b>14.5 Environmental hazards</b>                                   | non-environmentally hazardous acc. to the dangerous goods regulations |
| <b>14.6 Special precautions for user</b>                            |   |
| There is no additional information.                                 |   |
| <b>14.7 Maritime transport in bulk according to IMO instruments</b> |   |
| The cargo is not intended to be carried in bulk.                    |   |

#### Information for each of the UN Model Regulations

**- Transport of dangerous goods by road, rail and inland waterway (ADR/RID/ADN) - Additional information**

Not subject to ADR, RID and ADN.

**- International Maritime Dangerous Goods Code (IMDG) - Additional information**

Not subject to IMDG.

**- International Civil Aviation Organization (ICAO-IATA/DGR) - Additional information**

Not subject to ICAO-IATA.

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### SECTION 15: Regulatory information

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

**- Relevant provisions of the European Union (EU)**

**- List of substances subject to authorisation (REACH, Annex XIV)  
/ SVHC - candidate list**

None of the ingredients are listed.

**- Directive on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS)**

None of the ingredients are listed.

**- Regulation concerning the establishment of a European Pollutant Release and Transfer Register (PRTR)**

None of the ingredients are listed.

**- Regulation on the marketing and use of explosives precursors**

Not relevant.

**- Regulation on persistent organic pollutants (POP)**

None of the ingredients are listed.

**- National regulations (Austria)**

**- Ordinance on combustible liquids (VbF)** not assigned

#### 15.2 Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

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### SECTION 16: Other information

#### Abbreviations and acronyms

Abbr.	Descriptions of used abbreviations
Acute Tox.	Acute toxicity
ADN	Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures (European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways)
ADR	Accord relatif au transport international des marchandises dangereuses par route (Agreement concerning the International Carriage of Dangerous Goods by Road)
Asp. Tox.	Aspiration hazard
CAS	Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)
Ceiling-C	Ceiling value
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures
DGR	Dangerous Goods Regulations (see IATA/DGR)
DNEL	Derived No-Effect Level
EC No	The EC Inventory (EINECS, ELINCS and the NLP-list) is the source for the seven-digit EC number, an identifier of substances commercially available within the EU (European Union)
ED	Endocrine disruptor
EINECS	European Inventory of Existing Commercial Chemical Substances
ELINCS	European List of Notified Chemical Substances
Eye Dam.	Seriously damaging to the eye
Eye Irrit.	Irritant to the eye
GHS	"Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations
GKV	Grenzwerteverordnung
IATA	International Air Transport Association
IATA/DGR	Dangerous Goods Regulations (DGR) for the air transport (IATA)
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods Code
NLP	No-Longer Polymer
PBT	Persistent, Bioaccumulative and Toxic
PNEC	Predicted No-Effect Concentration
ppm	Parts per million
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals

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Abbr.	Descriptions of used abbreviations
RID	Règlement concernant le transport International ferroviaire des marchandises Dangereuses (Regulations concerning the International carriage of Dangerous goods by Rail)
Skin Corr.	Corrosive to skin
Skin Irrit.	Irritant to skin
STEL	Short-term exposure limit
SVHC	Substance of Very High Concern
TWA	Time-weighted average
vPvB	Very Persistent and very Bioaccumulative

### Key literature references and sources for data

Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures.  
Regulation (EC) No. 1907/2006 (REACH), amended by 2020/878/EU.

Transport of dangerous goods by road, rail and inland waterway (ADR/RID/ADN). International Maritime Dangerous Goods Code (IMDG). Dangerous Goods Regulations (DGR) for the air transport (IATA).

### Classification procedure

Physical and chemical properties: The classification is based on tested mixture.

Health hazards, Environmental hazards: The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

### List of relevant phrases (code and full text as stated in section 2 and 3)

Code	Text
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.

### Disclaimer

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.

**End of safety data sheet.**