



Baunit SilikatTop

Safety Data Sheet

As per Directive (EU) no.1907/2006 (REACH)

Revised on: 12/05/2015

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| 1.1 | Product Identifier |
| 1.0 | Identification of the material or the mixture and the company |
| | Commercial name: Baunit SilikatTop |
| 1.2 | Relevant identified applications of the material or mixture and applications which are not recommended |
| | Use of the material/mixture: Surface plaster for decorative wall surfaces with scraped texture for outdoors, as well as those applications in the technical leaflet. Any other use is not advised. |
| 1.3 | Details on the supplier which provides the safety data sheet |
| | Manufacturer: Baunit GmbH Reckenberg 12 D-87541 Bad Hindelang, Germany Tel. + 49 8324 921 0 Fax + 49 8324 921 1029 Email: info@baunit.de , sdb@baunit.de |
| 1.4 | Emergency telephone number: |
| | Mainz Poison Information Centre, +49 6131 19240 |

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| 2.0 | Possible hazards |
| 2.1.1 | Classification of the material/mixture: |
| | As per CLP - (EU) Directive no. 1272/2008: The mixture is classified as non-hazardous in the sense of Directive (EU) no. 1272/2008. H412: Hazardous to water organisms with long-term effects |
| | Classification as per 1999/45/EU Directive: The mixture is classified as non-hazardous in the sense of Directive (EU) no. 1999/45/EU. R 52/53 Hazardous to water organisms, can have hazardous effects in the waters over a longer period. |

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| 2.2 | Identification elements |
| 2.2.1 | Identification as per (EU) Directive no. 1272/2008 |
| 2.3 | Hazard pictogram: Deleted |
| | Signal word: Deleted |
| | Hazard instructions: |
| | H 412 Hazardous to water organisms with long-term effects |
| | Safety Instructions: |
| | P 102: May not be within the reach of children. |
| | P 101: If a physician's advice is sought, bring the packaging or label |

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| | Special instructions: | |
| | EUH208: | Contains 5-Chlor-2-methyl-2H-isothiazole-3-on [EG 247-500-7] and 2-Octyl-2H-isothiazole-3-on [EG 247-761-7]. Can cause allergic reactions. |
| 2.3 | Other hazards: | |
| | Results of the PBT and vPvP assessment | The criteria for the identification of persistent, bioaccumulatable and toxic materials (PBT) and very persistent and very bioaccumulatable materials (vPvB) as per Appendix XIII of (EU) Directive no. 1907/2006 are not fulfilled. |

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| 3.0 | Compound/Information about components | | | | | | | | |
| | Mixture: Xx made of organic binders, supplements, preservatives, additives and water. | | | | | | | | |
| | Hazardous contents: | | | | | | | | |
| | Description | EU no. | CAS no. | Registration no. REACH | Contents | Classification as per 67/548/EEC Directive | | Classification as per (EU) Directive no. 1272/2008 | |
| | Terbutryn | 212-950-5 | 886-50-0 | --- | <0.01% | Xi N | R36 R50/53 | Eye Irrit. 2 Aquatic Acute 1 | H319 H400 |
| | The complete text of the H and R sentences can be found in Section 16. | | | | | | | | |

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| 4.0 | First aid measures | |
| 4.1 | Description of first aid measures | |
| | General instructions: | If symptoms persist, or in cases of doubt, seek medical advice. Do not administrate orally if unconscious. Help quickly. |
| | Most important acute and delayed onset symptoms and effects: | No known long-term effects. |
| | Inhaling: | Provide fresh air, consult a physician if there are symptoms. |
| | Skin contact: | Immediately remove dirty and soaked clothing. If it has touched the skin, immediately wash off with water and soap or a suitable cleaner. Consult a doctor if there are symptoms. |
| | Eye contact: | If it has touched the eyes, thoroughly rinse the eyes with a lot of water (or saline solution for eyes, eye wash) for about 10 minutes. Always consult an ophthalmologist. |
| | Swallowing: | Consult a doctor immediately. Keep the victim quiet. Rinse out the mouth. Do not induce vomiting. |
| | Instructions for the doctor: | None. |

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| 5.0 | Firefighting measures |
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| 5.1 | Extinguishing material: | Product is not flammable. Extinguishing material and firefighting must be adapted to the environment of the fire. |
| 5.2 | Suitable extinguishing media: | Water fog, foam (alcohol-resistant), carbon dioxide, powder. |
| 5.3 | Unsuitable extinguishing: | Full water spray. |
| 5.4 | Hazards from special materials or mixtures: | None known. |
| 5.5 | Instructions for firefighting: | If necessary, breathing apparatus may be required. Cool closed containers near the fire in water. Do not drain the extinguishing water into the sewers. |

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| 6.0 | Measures for unintended release | | |
| 6.1 | Personal precautionary measures: | | |
| 6.1.1 | Personal precautionary measures, protective equipment and procedures to follow in emergencies: | Avoid touching the eyes and skin, individual protective means. | |
| 6.2 | Environmental protection measures: | Do not drain into the sewers, surface water or groundwater. If rivers, lakes or sewage lines are contaminated, inform the responsible authorities as per local regulations. | |
| 6.3 | Cleaning procedures: | Take up with liquid-binding material, such as sand, diatomaceous earth, acid binder or sawdust, then dispose in accordance with regulations (as per point 13). Thoroughly clean contaminated surfaces. | |
| 6.4 | Reference to other sections: | Sections 8 and 13. | |

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| 7.0 | Handling and storage | | |
| 7.1 | Protective measures for safe handling: | Avoid contact with the eyes and skin. Keep the containers sealed. Do not empty the containers with pressure (no pressure containers). Carefully close the containers in order to avoid leaks. Minimise the lifting and carrying of packages by using mechanical assistance. | |
| 7.2 | Conditions for safe storage in regards to incompatibility: | Only store in original containers. Store separately from food. Protect against frost, heat and direct sun radiation. Observe the manufacturer's instructions on the label. | |
| 7.3 | Specific end-uses: | Not applicable. | |

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| 8.0 | Limitation and monitoring exposure / personal protective equipment | | | |
| 8.1 | Parameters to monitor: Source: TRGS 900) | Material designation: Deleted | CAS no. Deleted | AGW Not applicable |
| 8.2 | Limitation and monitoring exposure: | | | |
| 8.2.1 | Additional instructions to structure technical equipment: | Not applicable | | |
| 8.2.2 | General protective and hygiene measures: | Observe professional society regulations (Leaflet ZH 1/134 Main Association of Commercial BG) Immediately remove dirty and soaked clothing. Do not eat, smoke drink or sniffle at the workplace. Wash the hands before breaks and at the end of work. | | |
| | Skin Protection: | Use hand protection cream as per the skin protection plan. | | |
| | Face / eye protection: | Wear enclosed goggles if there is a danger of spraying (provide eye washers). | | |

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| | Hand protection: | Protective gloves (nitrile rubber, butyl rubber). Select glove material with consideration of break-through times, permeation rates and degradation. Use skin cleaning and care materials after wearing gloves. |
| | Respiratory protection: | Not necessary. |
| | Body protection: | Work safety clothing. |
| 8.2.3 | Limitation and monitoring environmental exposure: | Provide an exhaust system with a filter. |

9.0 Physical and chemical properties

9.1 General Information:

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| a) | Appearance: Aggregate status: Colour: | Pasty Liquid White and coloured (depending upon pigment) |
| b) | Odour: | Mild |
| c) | Odour threshold: | No information |
| d) | pH level: | 8.5 – 10.5 |
| e) | Melting point: | Not applicable |
| f) | Boiling point, boiling range: | 100 °C |
| g) | Flashpoint: | Not applicable |
| h) | Vapour speed: | Not specified |
| i) | Ignition temperature: | Not applicable |
| j) | Explosion hazard: | Not an explosion hazard |
| k) | Vapour pressure: | Not specified |
| l) | Vapour density: | Not specified |
| m) | Relative density: | approx. 1850 g/dm ³ |
| n) | Water solubility (20 °C): | Miscible with water |
| o) | Distribution coefficient n-octanol/water | Not specified |
| p) | Self-ignition temperature: | Not self-igniting |
| q) | Decomposition temperature | No information |
| r) | Viscosity | No information |
| s) | Explosive properties: | Not specified |
| t) | Oxidising properties: | No information |
| u) | VOC contents: | < 40 g/l (corresponds to <22 g/kg) |
| 9.2 | Other information: | Further information about the physical/chemical properties as per Appendix II, Section 9 of the VO (EU) no. 2007/2006 was waived, as it is not applicable. |

10.0 Stability and reactivity

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| 10.1 | Reactivity: | No decomposition if used as directed. Protect against frost, heat and direct sun radiation. |
| 10.2 | Chemical stability: | The product is stable. |
| 10.3 | Possible hazardous reactions: | None known. |
| 10.4 | Conditions to avoid: | None known. |
| 10.5 | Incompatible materials: | Not known. |
| 10.6 | Hazardous decomposition products: | Not known. |
| | All information assumes use as intended | |

| 11.0 Toxicological information | | | |
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| Toxicity: | The product as such has not been tested. The mixture is classified using conventional methods (calculation procedure as per the 1999/45/EU Directive) and in accordance with components hazardous to health. | | |
| Hazard class: | Cat | Effects | Reference |
| Acute toxicity: | -- | Classification-related LD/LC50 values: | -- |
| | | Terbutryn | CAS: 886-50-0 |
| | | Oral (ATE mix) | 2630 mg/kg (rats) |
| | | Dermal (ATE mix) | >5000mg/kg (rats) |
| Irritation: | -- | Skin and eye irritation possible. | -- |
| Corrosiveness: | -- | None known. | -- |
| Sensitisation: | -- | Multiple and lasting skin contact can lead to skin sensitisation. | -- |
| Toxicity with repeated administration: | -- | No known. | -- |
| Carcinogenicity: | -- | No information. | -- |
| Mutagenicity: | -- | No information. | -- |
| Reproductive toxicity: | -- | No information. | -- |
| 11.1.1 Symptoms and effects (delayed and chronic) with information about exposure paths | | | |
| Inhaling: | None. | | |
| Swallowing: | None. | | |
| Skin contact: | Multiple and lasting skin contact can lead to skin sensitisation. | | |
| Eye contact: | Irritating effect with eye contact. Possible mechanical impact on the retina through filler grains. | | |

| 12.0 Environmental information | | | |
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| 12.1 Toxicity | Terbutryn | CAS: 886-50-0 | |
| | EC50 | 48h | 7.1 mg/l (Daphnia) |
| | IC50 | 72h | 0.0055 mg/l (Selenastrum capricornutum) OECD 201 |
| | LC50 | 96h | 1.8 mg/l (harlequin) |
| 12.2 Persistence and degradability: | No information available. | | |
| 12.3 Bioaccumulation potential | No information available. | | |
| 12.4 Soil mobility | No information available. | | |

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| 12.5 | Results of the PBT and vPvP assessment | No information available. |
| 12.6 | Other hazardous effects | Slightly hazardous to water. Do not pour into the soil, water or sewers. Possible to increase pH value if a larger volume is released. Damage to water organisms possible. |

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| 13.0 Instructions on disposal: | | |
| 13.1 | Procedure for waste treatment disposal: | Special waste. Liquid product may not be disposed of in household rubbish. Do not empty into the sink or toilet. Dispose of packaging remnants with hardened adhesions and non-hardened remnants in accordance with local and official instructions (observing point 13.2.). |
| 13.2 | EAK/AVV waste key: | 08 01 12 Pigment and paint waste with exception of that which falls under 08 01 11 |

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| 14.0 Transport instructions | | |
| No hazardous goods as per the regulations for the transport of hazardous goods ADR, RID, ADN, IMDG code, ICAO-TI, IATA-DGR. | | |
| 14.1 | UN number: | Not applicable. |
| 14.2 | Proper UN shipping name: | Not applicable. |
| 14.3 | Transport hazard class: | Not applicable. |
| 14.4 | Packaging group: | Not applicable. |
| 14.5 | Environmental hazards: | Not applicable. |
| 14.6 | Special precautionary measures for the user: | Not applicable. |
| 14.7 | Bulk goods transport as per Appendix II of MARPOL Treaty 73/78 and as per the IBC code: | Not applicable. |

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| 15.0 Information on legislation | | |
| 15.1 Regulations for safety, health and environmental protection/specific legislation for the mixture | | |
| | German legislation: | Worker protection law, hazardous material regulation |
| | Instructions for purchasing limitations: | Observe § 22 JArbSchG. Observe possible employee limitations as per the mother protection guidelines. |
| | ChemVerbotsV: | Not applicable. |
| | 12. BImSchV (StörfallV): | Not applicable. |
| | Water hazard class: | WGK 1 (light water hazard), as per the VwVwS |
| | Technical directions for air (TA Luft): | No information. |
| | Operations Safety Regulation (BetrSichV): | Not applicable. |
| | Other regulations, limitations and prohibitions: | Not applicable. |
| | Relevant TRGS: | TRGS 500 TRGS 900 |
| | Relevant UVV, BGV, BGR: | BGR 190 (rules for the use of breathing protection devices) |

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| | BGR 192 (rules for the use of eye and face protection) BGR 189 (rules for the use of protective clothing) BGR 195 (rules for the use of protective gloves) |
| GISCODE: | Not specified |
| Storage class as per TRGS 510: | VCI storage class: Not applicable, as it is not a hazardous material. |
| Material safety assessment: | Not applicable. |

16.0 Other information

Text of the hazard instructions (R phrases) with number and text:

This information is related to the product when delivered. The information in this safety data sheet describes the safety requirements for our products, and does not ensure product characteristics. See also the technical leaflet or the product data sheet for more information.

Department publishing the data sheet:

Department: Research and Development
Contact for technical information: sdb@baumit.de

***Data changed as compared to the last version:** Implementation of GHS-VO

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| R 36 | Irritates the eyes. |
| R 50/53 | Very poisonous to water organisms, can have long-lasting damaging effects in waters. |
| H 319 | Causes severe eye damage. |
| H 400 | Very poisonous to water organisms. |
| ACGIH | American Conference of Industrial Hygienists |
| ADR/RID | European Agreements on the transport of Dangerous goods by Road/Railway |
| APF | European treaty on the international transport of hazardous goods on roads. |
| AGW | Workplace limit value. |
| CAS | Chemical Abstracts Service (division of the American Chemical Society). |
| CLP | Classification, labelling and packaging (Directive (EU) no. 1272/2008) |
| EC50 | Half maximal effective concentration |
| ECHA | European Chemicals Agency |
| EINECS | European Inventory of Existing Commercial Chemical Substance. |
| ELINCS | European List of Notified Chemical Substances. |
| EPA | Type of high efficiency air filter |
| HEPA | Type of high efficiency air filter |
| GHS | Globally Harmonised System of Classification and Labelling of Chemic. |
| IATA | International Air Transport Association. |
| IMDG | International Maritime Dangerous Goods. |
| IUPAC | International Union of Pure and Applied Chemistry |
| LC50 | Mean lethal concentration, 50%. |
| MEASE | Metals estimation and assessment of substance exposure |
| PBT | Persistent, bioaccumulative and toxic. |
| PROC | Process category |
| REACH | Registration, Evaluation and Authorisation of Chemicals (Directive (EU) 1907/2006) |

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| SDB | Safety data sheet |
| STOT | Specific target organ toxicity |
| TRGS | Technical Rules for Dangerous Substances, BAuA, Germany. |
| UVCB | Substances of Unknown or Variable composition, Complex reaction products or Biological materials |
| VCI | Verband der chemischen Industrie e.V. [German Chem Indust Ass) |
| vPvB | Very Persistent and very Bioaccumulative. |
| VwVwS | Administrative regulations, water hazardous materials |

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You can find the most current information on our Internet pages. Only our current sales and supply conditions as well as provisions for the placement and use of our silos and mixing facilities apply for all business cases.

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