



Baunit Silikontop (all textures)

Safety Data Sheet

As per Appendix II of Directive (EU) no. 1907/2006 as well as (EU) no.830/2015. Revised on: 24/01/2018

1.0	Identification of the material or the mixture and the company	
1.1	Product identifier:	Baunit SilikonTop (all textures)
1.2	Relevant identified applications of the material or mixture and applications which are not recommended	
	Use of the material/mixture:	Ready-to-use silicone-based paste finishing coat (thin layer). Refer also to Product Data Sheet. Do not mix with other products. Any other use is not advised.
1.3	Details on the supplier which provides the safety data sheet	
	Manufacturer:	Baunit GmbH 2754 Waldegg, Wopfing 156 Tel. + 43 501 888-0 Fax + 43 501 888 1266 email (expert person): office@baunit.de Office hours: Monday-Thursday 7am-4pm. Fridays 7am-12pm
1.4	Emergency telephone number:	Poison Information Centre at the First University Hospital, Währinger Gürtel 18-20, 1090 Vienna: Tel: + 43/1/406 43 43

2.0	Possible hazards	
2.1	Classification of the material/mixture:	
2.1.1	As per (EU) Directive no. 1272/2008	Hazard class : long-term hazardous to the aquatic environment Hazard category: chronic 3 Severe eye damage, hazard category 1, severe skin irritation, hazard category 2 Specific target organ toxicity (one-time exposure), hazard category 3 H 412: Harmful to aquatic life with long lasting effects EUH208: Contains mixture of 5-chloro-2-methyl-4-isothiazol-3-one [EC 247-500-7] and 2-Methyl-2H-isothiazol-3-one [EC 220-239-6] (3:1), as well as 2-octyl-2H-isothiazol-3-one [EC 247-761-7]. May cause allergic reactions.

2.2	Identification elements	
2.2.1	As per (EU) Directive no. 1272/2008	
	Hazard pictogram:	
	Signal word:	

Hazard instructions:

	H 412	H 412: Harmful to aquatic life with long lasting effects
	EUH208	Contains mixture of 5-chloro-2-methyl-4-isothiazol-3-one [EC 247-500-7] and 2-Methyl-2H-isothiazol-3-one [EC 220-239-6] (3:1), as well as 2-octyl-2H-isothiazol-3-one [EC 247-761-7]. May cause allergic reactions.
	Safety Instructions:	
	P 101	If medical advice is needed, have product container or label at hand.
	P 102	May not be within the reach of children.
	P 273	Avoid release to the environment.
	P 501	Dispose of contents/container to in accordance with national regulations.
	Biocidal Products Regulation (528/2012)	The product contains the following biocidal products to ensure the coating and the storage protection: Terbutryn (ISO), 2-octyl-2H-isothiazol-3-one [EC 247-761-7] and a mixture of 5-chloro-2-methyl-4-isothiazol-3-one [EG 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC 220-239-6] (3: 1).
2.3	Other hazards	
	Results of the PBT and vPvP assessment:	Not applicable

3.0	Compound/Information about components							
3.1	Materials							
	Not applicable, as this product is a mixture (see Section 3.2)							
3.2	Mixture							
	Mix of calcium hydrate, aggregate and additives							
	Table of hazardous contents:							
	Description	EU no.	CAS no.	Registration number (REACH)	Contents [M.-%]	Classification as per 67/548/EE C Directive	Classification as per Directive (EU) no. 1272/2008	
	2-Octyl-2H-isothiazol-3-on	247-761-7	26530-20-1	--	<0.05		Acute Tox. 3 Skin Corr. 1B Eye Dam. 1 Aquatic Acute 1 Aquatic Chronic 1 Acute Tox. 4 Skin sens. 1B	H311 H331 H314 H318 H400 (M=10) H410 H302 H317
	Terbutryn	212-950-5	886-50-0	--	<0.005		Aquatic Acute 1 Aquatic Chronic 1 Acute Tox. 4 Skin sens. 1B	H400 (M=100) H410 (M=100) H302 H317
	mixture of 5-chloro-2-methyl-4-isothiazol-3-one and	55965-84-9	247-500-7	--	< 0.0015		Acute Tox. 3 Acute Tox. 2 Skin Corr. 1B Aquatic Acute 1	H301 H311 H330 H314 H400 (M=100)
	2-methyl-2H-isothiazol-3-one		220-239-6				Aquatic Chronic 1 Skin sens. 1A	H410 (M=100) H317

4.0	First aid measures	
4.1	Description of first aid measures	
	General instructions:	Respond quickly. No special personal protective equipment is needed for first aid assistants.
	Inhaling:	Provide access to fresh air. In case of any symptoms seek the advice of a physician.
	Skin contact:	Wash the affected skin with water and soap. Remove wet gloves, clothing, shoes, watch, etc. Thoroughly wash or clean before reuse. Consult a doctor if there are any skin symptoms.
	Eye contact:	Do not rub the eyes dry, as mechanical pressure could cause additional eye damage. If relevant, remove contact lenses and rinse the eyes with open eyelids under flowing water for at least 20 minutes in order to remove all particles. If possible, use isotonic eye rinse solution (such as 0.9% NaCl). Always consult an occupational physician or ophthalmologist.
	Swallowing:	Do NOT induce vomiting. If conscious, rinse the mouth and drink plenty of water in small doses. Consult with a physician or a poison control centre.

4.2	Most important acute or delayed symptoms and effects	
	Eyes:	Eye contact with dry or moist product can cause severe and possibly permanent damage.
	Skin:	The product can also have an irritating effect on moist skin even in the dry state (as a consequence of perspiring or relative humidity). Contact with moist skin can cause skin irritation, dermatitis or other severe skin damage.
	Inhalation:	Inhalation of aerosol mist caused through machine application may result in damage to health.
	Environment:	When used normally the product is not harmful to the environment
4.3	Advice for immediate medical assistance or special treatment.	
		If a physician is consulted, this Safety Data Sheet should be presented.
	Advice for doctor	
		Symptomatic treatment. No information available.



5.0	Firefighting measures	
5.1	Extinguishing material:	The preparation is not flammable delivery form. Extinguishing materials and firefighting measures must be suitable for the immediate conditions ((Water spray, dry chemical, carbon dioxide, alcohol resistant foam)
5.2	Hazards from special materials or mixtures:	In case of fire carbon monoxide, carbon dioxide and nitrogen oxides can be produced.
5.3	Instructions for firefighting:	If necessary, wear self-contained breathing apparatus when firefighting.

6.0	Measures for unintended release	
6.1	Personal precautionary measures:	
6.1.1	Staff not trained for emergencies:	Wear protective equipment as described in Section 8. Avoid dust. Follow the instructions for safe handling as described in Section 7. Emergency plans are not required. Risk of slipping due to leaked product.
6.1.2	Deployment Forces:	Emergency plans are not required. However, high exposure to dust will require respiratory protection.
6.2	Environmental protection measures:	Do not allow to drain into sewers, surface water or groundwater. In the event of contamination inform the relevant local authorities.
6.3	Methods and materials for containment and cleaning:	Collect spilled product with liquid-binding material (such as sand, earth, diatomaceous earth, vermiculite and dispose of according to local regulations (see section 13).
6.4	Reference to other sections:	Sections 7 and 13.



7.0	Handling and storage	
7.1	Protective measures for safe handling:	Please follow the recommendations in section 8. Wash hands before breaks and at the end of work. Do not eat, drink or smoke in working areas. Avoid contact with eyes and skin. Wear protective clothing and safety goggles. Clean contaminated protective clothing and gloves before reuse.
7.2	Conditions for safe storage in regards to incompatibility:	Store in the original container. Ensure opened containers are properly sealed. Protect from frost and direct sunlight. Keep out of the reach of children.

8.0	Limitation and monitoring exposure / personal protective equipment	
8.1	Parameters to monitor	
	Limit value	
	MAK (Austria)	Long term value: 0.05 mg/m ³
8.2	Limitation and monitoring exposure:	
8.2.1	Additional notes on designing technical facilities	Ensure good ventilation during application.
8.2.2	General protection and hygiene measures	Do not eat, drink or smoke in working areas. Wash hands before breaks and at the end of work or shower if necessary. Apply skin care products. Avoid contact with eyes and skin. Clean contaminated protective clothing, shoes watches etc before reuse.
	Skin Protection:	The preventive use of skin care products is recommended. Use gloves made of nitrile rubber (according to the specifications of EC Directive 89/686 / EEC). Breakthrough time 480 min. / Minimum thickness 0.11 mm Leather gloves are not suitable due to their water permeability. For normal use, wear long-sleeved protective clothing (standard work clothing), and use skin protection. The use of disposable overalls when machine applying is recommended.

	Face / eye protection: 	If there is dust or a spray hazard, Wear sealed protective goggles as per EN 166 to protect from splashes. (Provide eye washes).
	Respiratory protection: 	Manual application: No respiratory protection required. Ensure good ventilation. Machine application: Use particle-filtering mask type P2 in accordance with EN 143 General information on the use of protective clothing can be found in the professional organization rules BGR/GUV R 190. Employees must be trained in the correct use of personal protective equipment in order to ensure the required effectiveness.
8.2.3	Limitation and monitoring environmental exposure: Avoid release into the environment. Use the remaining amounts, or properly dispose of them.	
	Air:	No special measures necessary
	Water:	Product contains preservatives. Do not allow to enter groundwater or drainage systems. If released, inform the relevant authorities.
	Soil:	Product contains preservatives. Do not allow to enter soil. If released, inform the relevant authorities.

9.0 Physical and chemical properties

9.1 General Information:

a)	Appearance:	Paste
	Aggregate status:	Liquid
	Colour:	White or coloured
b)	Odour:	Characteristic
c)	Odour threshold:	None known
d)	pH level:	Approx. 8.5 at room temperature
e)	Melting point:	Not applicable
f)	Boiling point, boiling range:	Not applicable
g)	Flashpoint:	Not applicable
h)	Evaporation speed:	Not determined
i)	Flammability:	Not flammable
j)	Upper/lower flammability or explosion limits:	Not data available
k)	Vapour pressure:	Not data available
l)	Vapour density:	Not data available
m)	Relative density:	1.9 kg/dm ³ at room temperature
n)	Bulk density:	

o)	Solubility in water:	Fully soluble
p)	Distribution coefficient n-octanol/water:	Not determined
q)	Self-ignition temperature:	Not self-igniting
r)	Decomposition temperature	No data available
s)	Viscosity	Not determined
t)	Explosive properties:	Not explosive
u)	Oxidising properties	Not applicable
9.2	Other information:	No data available

10.0	Stability and reactivity	
10.1	Reactivity:	No known hazardous reactions.
10.2	Chemical stability:	The product is stable under normal conditions.
10.3	Possible hazardous reactions:	No hazardous reactions.
10.4	Conditions to avoid:	Protect from frost and direct sunlight. Do not allow to enter sewers, surface water or groundwater.
10.5	Incompatible materials:	Strong acids, bases and strong oxidants
10.6	Hazardous decomposition products:	No formation of hazardous decomposition products when used as intended and Stored correctly.

11.0	Toxicological information	
11.1	Information about toxicological effects.	
	The mixture was not investigated for toxicology in its mixed state. Information about toxicological effects results from the relevant information for calcium dihydroxide.	
	Acute toxicity: dermal	Based on available data, the classification criteria are not met.
	Acute toxicity: inhalation	Based on available data, the classification criteria are not met.
	Acute toxicity: oral	Based on available data, the classification criteria are not met.
	Irritation to the skin:	Based on available data, the classification criteria are not met.
	Severe eye damage/irritation:	Based on available data, the classification criteria are not met.
	Sensitisation of the respiratory tract:	Based on available data, the classification criteria are not met.
	Nuclear 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. No indications based on human experience
	Specific target organ toxicity with single exposure:	Based on available data, the classification criteria are not met.

	Specific target organ toxicity with single exposure:	Based on available data, the classification criteria are not met.
	Aspiration hazard:	Based on available data, the classification criteria are not met.

12.0	Environmental information	
12.1	Toxicity	The product has not been tested. The information is derived from the properties of the individual components.
12.2	Persistence and degradability:	No information available.
12.3	Bioaccumulation potential:	No information available.
12.4	Soil mobility:	No information available.
12.5	Results of the PBT and vPvP assessment:	Not applicable.
12.6	Other hazardous effects:	The mixture contains no components considered to be persistent, bioaccumulating and toxic (PBT) or very persistent, very bioaccumulative (vPvB).

13.0	Instructions on disposal:	
13.1	Waste treatment procedures:	
	Unused product residue:	Dispose of partially emptied and unused residual amounts as hazardous waste. Product must not be disposed of with household waste. Completely cured product residue can be disposed of as household waste. To cure the product, open the containers and leave to stand in well ventilated areas. Do not allow the product residue to enter the drainage system. Do not empty into sinks or toilets. Completely empty packaging should be properly disposed of.
	ÖNORM S2100	55510 waste based on plastic dispersions
	European Waste Catalog	08 01 12 Paint and varnish waste other than those stated in 08 01 11 15 01 02 Plastic packaging



14.0 Transport information		
No hazardous goods as per the regulations for the transport of dangerous 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

15.0 Information on legislation:		
15.1	Regulations for safety, health and environmental protection/specific legislation for the mixture:	
	Relevant regulations, rules and laws:	The product contains the following biocidal products to ensure the coating and the storage protection: Terbutryn (ISO), 2-octyl-2H-isothiazol-3-one [EC 247-761-7] and a mixture of 5-chloro-2-methyl-4-isothiazol-3-one [EG 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC 220-239-6] (3: 1) (see section 2)
15.2	Material safety assessment:	No material safety assessment has been carried out.

16.0 Other information		
16.1 Changes as compared to the previous version of the safety data sheet		
	* Former product name: Kalkin RK 38	
16.2 Abbreviations and acronyms		
	ACGIH	American Conference of Industrial Hygienists
	ADR/RID	European Agreements on the transport of Dangerous goods by Road/Railway
	APF	Assigned protection factor (Schutzfaktor von Atemschutzmasken)
	CAS	Chemical Abstracts Service
	CLP	Classification, labelling and packaging (Verordnung (EG) Nr. 1272/2008)
	EC50	Half maximal effective concentration (mittlere effective Konzentration)
	ECHA	European Chemicals Agency (Europäische Chemikalienbehörde)
	EINECS	European Inventory of Existing Commercial chemical Substances
	EPA	Type of high efficiency air filter (hoch effizienter Luftfiltertyp)
	HEPA	Type of high efficiency air filter (hoch effizienter Luftfiltertyp)
	IATA	International Air Transport Association
	IMDG	International agreement on the Maritime transport of Dangerous Goods
	IUPAC	International Union of Pure and Applied Chemistry
	LC50	Median lethal dose (mittlere tödliche Dosis)
	MEASE	Metals estimation and assessment of substance exposure
	PBT	Persistent, bio-accumulative and toxic (persistent, bioakkumulativ, toxisch)
	PROC	Process category (Prozesskategorie/Verwendungskategorie)
	REACH	Registration, Evaluation and Authorisation of Chemicals (Verordnung (EG) 1907/2006)
	SDB	Sicherheitsdatenblatt
	STOT	Specific target organ toxicity (spezifische Zielorgantoxizität)

	TRGS	Technische Regeln für Gefahrstoffe
	UVCB	Substances of Unknown or Variable composition, Complex reaction products or Biological
	VCI	Verband der chemischen Industrie e.V. [German Chemical Association]
	vPvB	Very persistent, very bioaccumulative
	VwVwS	Verwaltungsvorschrift wassergefährdende Stoffe [Administrative Guidelines for Material Hazards to Water]
16.3	Literature information and data sources	--
16.4	Training advice	In addition to training programs for workers on health, safety and environment, companies have to ensure that their workers read and understand the safety data sheet and can implement the requirements.
16.5	Disclaimer	The information in this safety data sheet describes the safety requirements of our products and is based on the current state of our knowledge. They do not assure product characteristics. For further information, see also the technical data sheet or the product data sheet. It is the responsibility of the user to observe the existing laws, ordinance and regulations, including those not mentioned in this data sheet.