

Baunit SilikatColor**Safety data sheet**

As per directive (EU) No. 1907/2006 and (EU) No. 453/2010 Revised on: 15.02.2016
Replaces edition from: 20.01.2015



1.	Identification of the material/mixture and the company
1.1. Product identifier	
Product name:	Baunit SilikatColor
1.2. Relevant identified use of material or mixture and uses that are not recommended:	
Ready-to-use, silicate paint for exterior use.	
1.3. Manufacturer issuing safety data sheet	<p>Wopfinger Baustoffindustrie GmbH A-2754 Waldegg / Wopfing 156</p> <p>Tel. + 43/2633/400-0 Telefax + 43/2633/400-266 e-Mail office@wopfinger.baunit.com</p> <p>For information: International product management: + 43/2633/400-0</p> <p>Office hours: Mo. to Th. 7⁰⁰ to 16⁰⁰ and Fr. 7⁰⁰ until 13⁰⁰</p>
1.4. Emergency number	
Poison information centre, 1. Medizinischen Universitätsklinik, Währinger Gürtel 18-20, 1090 Vienna: + 43/1/406 43 43	

2.	Possible Hazards								
2.1. Classification of material/mixture									
2.1.1. As per directive (EU) No. 1272/2008									
	<table border="1"> <thead> <tr> <th>Hazard class</th> <th>Hazard category</th> </tr> </thead> <tbody> <tr> <td colspan="2">The product has not been classified as per CLP-directive</td> </tr> <tr> <td>Hazard data:</td> <td></td> </tr> <tr> <td>H412</td> <td>Damaging for water organisms with long term effect.</td> </tr> </tbody> </table>	Hazard class	Hazard category	The product has not been classified as per CLP-directive		Hazard data:		H412	Damaging for water organisms with long term effect.
Hazard class	Hazard category								
The product has not been classified as per CLP-directive									
Hazard data:									
H412	Damaging for water organisms with long term effect.								
2.1.2. As per directive 1999/45/EU									
Classification:	The material/mixture has been classified as not hazardous as per directive 67/548/EEC and 1999/45/EU.								

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2.2 Identification items	
2.2.1. As per directive (EU) No. 1272/2008	
Hazard-Pictograms	--
Hazard information	
H412	Damaging to water organisms with long term effect.
Special characteristics of certain Mixtures	Contains 5-Chlor-2-methyl-4-isothiazol-3-on [EU 247-500-7] and 2-Octyl-2H-isothiazol-3-on [EU 247-761-7]. Can cause allergic reactions.
Safety information	
P102	Keep away from children
P101	Take label/packaging if seeking medical advice.
P273	Avoid release to the environment
P501	Return part used packaging, containers, buckets to place of purchase or dispose of as special waste.
2.2.2 As per directive 1999/45/EU	
Hazard symbol	--
Hazard information	
R52/53	Damaging to water organisms, can cause long term damaging effects over the long term in waters.
Safety information	
S2	Keep away from children
S46	If ingested, seek immediate medical advice and take packaging/label with you.
Additional information	

3. Composition/Data on components	
3.1. Materials:	Not applicable as this product is a mixture.
3.2. Mixture:	Mixture contains the following components with non hazardous amounts:
CAS: 26530-20-1 EINECS: 247-761-7	2-Octyl-2H-isothiazol-3-on T R23/24; C R34; Xn R22; Xi R43; N R50/53 Acute Tox. 3, H301 Acute Tox. 3, H331; Skin Corr. 1B, H314; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Acute Tox. 4, H302; Skin Sens. 1, H317
	< 0,05%

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CAS: 886-50-0 EINECS: 212-950-5	Terbutryn (ISO) XN R22; Xi R43; N R50/53 Aquatic Chronic 1, H410; Acute Tox. 4, H302; Skin Sens. 1, H317	
CAS: 55965-84-9	Mixture of: 5-Chlor-2-methyl-4-isothiazol-3-on [EG 247-500-7] and 2-Methyl-2H-isothiazol-3-on [EG 220-239-6] (3:1) T R23/24/25; C R34; Xi R43; N R50/53 Acute Tox. 3, H301 Acute Tox. 3, H311; Acute Tox. 3, H331 Skin Corr. 1B, H314; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Sens. 1, H317	<0,0015%
For detailed hazard information, see section 16.		
Hazardous components:		
Contains no hazardous components		
4.	First Aid Measures	
4.1.	Description of First Aid Measures	
	General advice:	Give immediate help. First aiders do not require any special personal protective equipment
	Inhaled:	Seek fresh air. Seek medical advice if complaints arise/persist.
	Skin contact:	In general, the product does not cause irritation to skin. Wash skin with water if product comes into contact with skin. Remove dirty clothing. If complaints arise, seek medical advice.
	Eye contact:	If eye contact, was well with water (or salt solution/eye wash) for 10 minutes. Do not rub eyes dry as this could cause additional damage to the cornea. Always seek medical/optician's advice.
	Ingested:	If conscious, rinse mouth out and drink plenty of water in small sips. Do not induce vomiting. Seek immediate medical advice.
	Information for doctor:	No known long term effects.
4.2.	Most important acute and delayed onset symptoms and effects	
	Eyes:	--
	Skin:	The product can cause irritation if in prolonged contact with moist skin (eg from sweating or air humidity)/
	Airways:	Health can be damaged if spray from aerosols is inhaled.
	Environment:	With normal use, the product is not hazardous to the environment.

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4.3.	Advice for medical emergency help or special handling	
		If seeking medical advice, take safety data sheet with you.
	Information for doctor:	No known long term effects.

5.	Firefighting Measures	
5.1.	Suitable extinguisher:	The mixture is not flammable, whether in its delivered or mixed state. Base extinguishing material and firefighting measures on the Flammability of surroundings (water spray, foam, carbon dioxide).
5.2.	Special hazards from material/mixture:	Not known.
5.3.	Firefighting advice:	No special measures required, as the product poses no fire hazard.

6.	Measures for unintended release	
6.1.	Personal precautionary measures:	
6.1.1.	Not for trained emergency personnel:	Wear protective equipment as under section 8. Safe handling is as per section 7. Danger of slipping on wet product.
6.1.2.	Rescue workers:	Emergency plans are not required.
6.2.	Environmental measures:	Do not allow to enter surface waters, canalisation or ground water.
6.3.	Materials for cleaning:	Soak up with materials such as sand or sawdust and dispose of waste responsibly (as per point 13).
6.4.	Reference to other sections:	See sections 7, 8 and 13 for further details.

7.	Handling and Storage	
7.1.	Protective measures for Safe handling:	Please follow the recommendations given in section 8. Do not eat, drink or smoke during work. Wear protective glasses and gloves.

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7.2.	Conditions for safe storage to avoid intolerances	<p>Keep away from children. Protect from direct sunlight and frost. Keep containers well sealed. Do not use light metal containers.</p> <p>Storage class: 12 (non-flammable fluids) VbF-class: not applicable</p> <p>GiSCode: M-DF01</p>
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8.	Limitation and monitoring exposure/personal protective equipment		
8.1.	Parameters to be monitored:		
	Limit value	Exposure Method	Exposure frequency
	A = alveoli dust fraction E = inhaled dust fraction	TMW = Daily average Mow = Current value	KZW = Short term value a) Frequency per shift
8.2.	Limitation and monitoring of exposure:		
8.2.1.	Advice for using technical equipment	Ensure space is well ventilated when working inside.	
8.2.2.	General protection and Hygiene measures:	Do not eat, drink or smoke during work. Wash hands and possibly shower after work and before breaks, to remove any attached mixture. Use skin care products. Wash contaminated clothing and shoes before wearing again. Avoid touching eyes and skin.	
	Skin protection:	Wear waterproof, alkali resistant, durable safety gloves. Suitable gloves are for example: nitrile woollen gloves with CE marking (see German rule BGR 195). Take note of maximum length of time to wear. Leather gloves are not suitable as they are not waterproof. Wear long sleeved protective clothing (normal work clothing) and use skin care products.	
	Eye/Face protection:	If there is a danger of sprayed product, wear closely fitting safety glasses as per EN 166 and have eye wash nearby.	

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	Airways protection: 	Only required if exposed to aerosol spray.
8.2.3.	Limits and monitoring of environmental exposure:	
	Air	
	Water	Do not allow mixture to enter ground water or sewage system.
	Ground	No special control measures required.

9.	Physical and chemical properties	
9.1.	General Information:	
(a)	Appearance:	Paste
	Aggregate state:	Fluid
	Colour:	As per colour shade
(b)	Odour:	Characteristic
(c)	Odour threshold	Not determined
(d)	pH-value:	ca. 9,0
(e)	Melting point:	Not applicable
(f)	Boiling point:	Not defined
(g)	Flash point:	Not applicable
	Explosion hazard:	None
(h)	Evaporation speed:	Not determined
(i)	Flammability:	Not applicable as mixture is non-flammable
(j)	Upper/lower flammability or Explosion limits:	Not applicable
(k)	Vapour pressure:	Not determined
(l)	Vapour density:	Not determined
(m)	Relative density:	ca. 1630 kg/m ³ (at room temperature)
(n)	Solubility in water:	Fully soluble
(o)	Distribution coefficient: n-Octanol/Water:	Not applicable
(p)	Self-ignition temperature:	Not applicable, as paste
(q)	Decomposition temperature:	Not applicable
(r)	Viscosity	ca. 75000 mPas
(s)	Explosive properties:	not explosive
(t)	Oxidising properties:	not oxidising
9.2.	Other information:	None

10.	Stability and reactivity	
10.1.	Reactivity:	Not known.

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10.2.	Chemical Stability:	Stable under normal conditions
10.3.	Possible hazardous reactions:	Not known
10.4.	Conditions to avoid:	Frost, direct sunlight. Do not allow to enter ground water or Surface waters.
10.5.	Incompatible materials:	Not known
10.6.	Hazardous decomposition products:	Not known
All information is based on normal use.		

11. Toxicological information			
	Toxicity	The product was not tested. This statement is based on properties of the Individual components.	
	Hazard class	Cat	Effect
	Acute Toxicity - dermal	--	There are no toxicological evaluations for this product. All data And recommendations are made on the basis of the calculation Procedure.
	Acute Toxicity- inhaled	--	
	Acute Toxicity- Oral	--	
	Corrosivity/skin irritation	--	No effect
	Severe eye damage	--	No available data
	Sensitivity of skin		No available data
	Sensitivity of Airways	--	No available data
	Germ cell- Mutation	--	No available data
	Carcinogenity	--	No available data
	Reproduction- Toxicity	--	No available data
	Specific target Organ toxicity With single Exposure	--	No available data
	Specific target Organ toxicity With repeated Exposure	--	No available data
	Aspirations-gefahr	--	No available data

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Effects on health of exposure
The product does not need to be labelled for the calculation procedure according to the EU general guidelines on classification of mixtures. In our experience, with normal use and handling, the product does not cause any damaging effects to health.

12. Environmental data	
12.1. Toxicity	The product was not tested. This statement is based on properties of the individual components.
12.2. Aquatic toxicity:	No available data.
12.3. Persistence and degradability	Organic components of the product are biologically degradable.
12.4. Bioaccumulation potential	No available data
12.5. Mobility in soil	No available data
12.6. Results of PBT and vPvB assessment	The available data means that the criteria for classification of PBT or vPvB have not been fulfilled.
12.7. Other damaging effects	No available data. Water hazard class 1 (Self classification): slightly hazardous to Water.

13. Information on disposal	
Procedure for waste Disposal:	Dispose of waste as per local authority regulations. Dispose of leftover product as special waste (do not put into household waste). Dried leftover waste can be put into household waste. Plastic waste (yellow bag) can be recycled. Recommended cleaning fluid: water Do not allow waste to enter water system. Do not tip down WC or Sink.
ÖNORM S2100	55510 (Waste based on synthetic dispersion)
European waste index (EAV):	080112 (Paint and varnish waste except those that come under 080111)

14. Information on Transport	
The mixture does not come under the international directive on the transportation of hazardous goods (ADR, RID, ADN, IMDG-Code, ICAO-TI, IATA-DGR). Es ist daher keine Gefahrgut-Klassifizierung erforderlich.	
14.1. UN-Number	Not applicable
14.2. UN-despatch designation	Not applicable
14.3. Transport hazard class	Not applicable

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14.4.	Packaging group	Not applicable
14.5.	Environmental hazard	Not applicable
14.6.	Special precautions for The user	Not applicable
14.7.	Dangerous goods transportation as per appendix II of MARPOL-agreement 73/78 And as per IBC-code	Not applicable

15.	Legislation
15.1.	Legislation on health, safety and environmental protection/specific legislation for the product Or mixture
	Preparation directive (1999/45/EU), last changed in directive 2013/21/EU. Material directive (67/548/EEC), last changed in directive 2013/21/EU. REACH-directive (EU) No. 1907/2006, last changed in directive (EU) No. 348/20 13. CLP-directive (EU) No. 1272/2008, last changed in directive (EU) No. 487/20 13.
15.2.	Assessment of safety of product:
	No material safety assessment was carried out for this mixture.

16.	Other data
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16.1 Changes from the previous version
New edition as per directive (EU) No. 1272/2008 (CLP)

16.2. Abbreviations and acronyms

H412 Damaging for water organisms with long term effect.
R52/53 Damaging for water organisms, can cause long term damage in waters.
ACGIH American Conference of Industrial Hygienists
ADR/RID European Agreements on the transport of Dangerous goods by Road/Railway
APF Assigned protection factor
CAS Chemical Abstracts Service
CLP Classification, labelling and packaging (Directive (EU) No. 1272/2008)
EC50 Half maximal effective concentration
ECHA European Chemicals Agency

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EINECS	European Inventory of Existing Commercial chemical Substances
EPA	Type of high efficiency air filter
HEPA	Type of high efficiency air filter
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
MEASE	Metals estimation and assessment of substance exposure
PBT	Persistent, bio-accumulative and toxic
PROC	Process category
REACH	Registration, Evaluation and Authorisation of Chemicals (Directive (EU) 1907/2006)
SDB	Safety data sheet
STOT	Specific target organ toxicity
TRGS	Technical rules for hazardous materials
UVCB	Substances of Unknown or Variable composition, Complex reaction products or Biological materials
VCI	Verband der chemischen Industrie e.V.
vPvB	Very persistent, very bioaccumulative
VwVwS	Verwaltungsvorschrift wassergefährdende Stoffe (Administrative body for directives on materials hazardous to water).

16.2. Literature data/sources of data

16.4. Training information

In addition to training programmes for employees on the topics of health, safety and the environment, companies should ensure that their employees have read, understood and can act on guidance given in the safety data sheet.

16.5. Exclusion clause

Our recommendations for applications which we give to support the purchasers/applicators from our experience, corresponds to current science and practice. The advice is non-binding and forms no contractual, legal relationship and no additional obligations in the purchase contract. The advice does not release the purchaser from examining our products for their suitability for their foreseen uses.

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