



Baumit KlimaSilikatin

Safety Data Sheet

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

Revised on: 09/02/2016

1.1	Product Identifier	
1.0	Identification of the material or the mixture and the company	
	Commercial name:	Baumit KlimaSilikatin
1.2	Relevant identified applications of the material or mixture and applications which are not recommended	
	Use of the material/mixture:	Workable new and renovation paint for coated and uncoated walls and ceilings indoors, on old and new mineral bases, as well as the areas of deployment set forth in the technical data sheet. Any other use is not advised.
1.3	Details on the supplier which provides the safety data sheet	
	Manufacturer:	Wopfinger Baustoffindustrie GmbH A-2754 Waldegg / Wopfing 156 Tel: + 43/2633/400-0 Fax: + 43 2633 400 -266 Email: office@wopfinger.baumit.com Office issuing information: International Product Management + 43/2633/400-0 Office hours: Mon. to Thurs, 7:00 to 16:00 and Fri., 7:00 to 13:00
1.4	Emergency telephone number:	Poison Information Centre at the First University Hospital, Währinger Gürtel 18-20, 1090 Vienna: + 43/1/406 43 43

2.0	Possible hazards	
	Classification of the material/mixture:	
2.1	As per (EU) Directive no. 1272/2008	None
2.2	As per 1999/45/EU Directive	None
2.3	Other hazards	The product is slightly hazardous to water.
	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.


Baumit Ltd

Unit 2, Westmead, New Hythe Lane, Aylesford, Kent, ME20 6XJ

sales@baumit.co.uk www.baumit.com



3.0	Compound/Information about components								
3.1	Materials								
	The product is slightly hazardous to water.								
3.2	Mixtures								
	Silicate binder, filler, pigments, additives and water								
	Table of hazardous contents:								
	Description	EU no.	CAS no.	Registration number	Contents [M.-%]	Classification as per 67/548/EEC Directive		Classified as per (EU) Directive no. 1272/2008	
	Aqueous potassium	215-199-1	1312-76-1	deleted	≥5 - <10	Xi irritating	R 36/38	Skin Irrit. 2 Eye Irrit. 2	H315 H319
	The complete text of the H and R sentences can be found in Section 16.								

4.0	First aid measures	
4.1	Description of first aid measures	
		
	If symptoms persist, or in cases of doubt, seek medical advice.	
	Most important acute and delayed onset symptoms and effects:	No known long-term effects.
	Inhaling:	Provide fresh air. Keep the victim rested and warm. Artificial respiration if there is irregular breathing or breathing stops. Put in a stable side position if unconscious, and seek medical advice.
	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. Do not wash off with: Solvent/thinners
	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. Consult an ophthalmologist immediately.
	Swallowing:	Consult a doctor immediately. Keep the victim quiet. Have the victim drink a lot of water in small sips (dilution effect). Do not induce vomiting.
	Instructions for the doctor:	No information available.

5.0	Firefighting measures	
5.1	Suitable extinguishing media:	Water fog, foam (alcohol-resistant), carbon dioxide, powder Extinguishing material and firefighting must be adapted to the environment of the fire.
5.1.2	Unsuitable extinguishing:	Full water spray
5.2	Special hazards from the mixture:	A thick, black smoke is produced by fire. Inhaling hazardous degradation products could cause severe health hazards.
5.3	Instructions for firefighting:	Wear a suitable breathing apparatus Cool closed containers near the fire in water. Do not let the extinguisher water drain into the sewers.

6.0	Measures for unintended release	
6.1	Personal precautionary measures:	
6.1.1	Protective equipment and procedures to follow in emergencies:	Do not inhale vapours. Avoid touching the eyes and skin, individual protective means (see point 8.3). Do not eat, drink or smoke when working. Running/shaken product can cause a risk of slipping.

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	Methods and materials for containment and cleaning:	Pick up with non-flammable liquid-binding material (such as sand, diatomaceous earth, soil, vermiculite, universal binder), then dispose in accordance with regulations (as per point 13). Clean with detergents. Avoid solvents.
6.4	Reference to other sections:	Sections 8 and 13.

7.0	Handling and storage	
7.1	Protective measures for safe handling:	Avoid contact with the eyes and skin. No special precautionary measures required. Only use in well-ventilated areas. Keep the containers sealed. Do not empty the containers with pressure (no pressure containers). Carefully close the containers in order to avoid leaks. For packages from 10 kg: Minimise the lifting and carrying of packages by using mechanical assistance.
7.2	Conditions for safe storage in regards to incompatibility:	Store in a dry, frost-free place. Store in the original containers. Keep the containers sealed, store upright in order to avoid leaks. Do not store together with foods and animal feed. Observe manufacturer's instructions for storage.

8.0	Limitation and monitoring exposure / personal protective equipment		
8.1	Parameters to monitor:		
	Limit values	--	
	A = respirable dust fraction E = inhalable dust fraction	TMW = daily average Mow = instantaneous value	KZW = short-term exposure a) frequency per shift
8.2	Limitation and monitoring exposure:		
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.	
	Body protection:	Work safety clothing.	
	Face / eye protection:	Wear protective goggles as per EN 166 if there is a spray hazard. (Provide eye washers)	
	Hand protection:	Protective gloves (NBR nitrite rubber, thickness 0.4 mm > 480 min penetration time). Select glove material with consideration for break-through times, permeation rates and degradation. Use skin cleaning and care materials after wearing gloves.	
	Respiratory protection:	Normally, no personal respiratory protection needed. Respiratory protection is required for: Spray procedures, filtering half-mask (DIN EN 149)	
8.2.3	Limitation and monitoring environmental exposure:		
		Provide an exhaust system with a filter.	

9.0	Physical and chemical properties	
9.1	Information on the basic physical and chemical properties:	
a)	Appearance: Aggregate status: Colour:	Dispersion Liquid White and coloured (depending on pigment)
b)	Odour:	Characteristic
c)	Odour threshold:	Not information
d)	pH value (20 °C):	10.5
e)	Melting / freezing point:	No information

f)	Boiling point, boiling range:	107 °C
g)	Flashpoint:	Not applicable
h)	Vapour speed:	Not specified
i)	Vapour pressure:	Not specified
j)	Vapour density:	Not specified
k)	Relative density:	1350-1450 g/dm ³
l)	Solubility in water:	Completely miscible
m)	Distribution coefficient n-octanol/water:	Not specified
n)	Self-ignition temperature:	Not self-igniting
o)	Decomposition temperature	Not applicable.
p)	Viscosity	Not determined
q)	Explosive properties:	Non-explosive
r)	Oxidising properties	Non-oxidising
s)	VOC contents:	0.1 g/l
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		
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:	None known.
10.6	Hazardous decomposition products:	Hazardous decomposition products, such as carbon dioxide and carbon monoxide can occur at high temperatures.
All information assumes use as intended		

11.0 Toxicological information		
	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.
	Acute toxicity:	No information available.
	Irritation:	None known
	Corrosiveness:	None known
	Sensitisation:	No known sensitisation effect
	Toxicity with repeated administration:	None known
	Carcinogenicity:	No information
	Mutagenicity:	No information
	Reproductive toxicity:	No information
11.1	Symptoms and effects (delayed and chronic) with information about exposure paths	
	Inhaling:	None known.
	Swallowing:	None known.
	Skin contact:	None known.
	Eye contact:	None known.

12.0	Environmental information	
12.1	Toxicity	No information available
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	No information available
12.6	Other hazardous effects	Slightly hazardous to water. Do not pour into the soil, water or wastewater.

13.	Instructions on disposal	
	Procedure for waste treatment disposal:	Liquid product may not be disposed of in household rubbish. Give non-emptied packages with hardened adhesions for recycling. Dispose of non-hardened remnants in accordance with local and official instructions (in accordance with point 13.2).
	EAK/AVV waste key:	08 01 080112 (pigment and paint waste with exception of that which falls under 080111)

14.0	Transport instructions	
The mixture is subject to none of the international hazardous goods regulations (ADR, RID, ADN, IMDG- Code, ICAO-TI, IATA-DGR).		
Thus no hazardous material classification is required.		
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	
	German legislation:	Worker protection law, hazardous material regulation.
	Instructions for purchasing limitations:	Observe § 22 JArschG. 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):	Weight fraction (number 5.2.5. I): 5%

	Operations Safety Regulation (BetrSichV):	No flammable liquid as per BetrSichV)
	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) 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:	M-SK01 1K silicate paints
	Storage class as per TRGS 510:	VCI storage class: 12 (non-flammable liquids)
15.2	Material safety assessment:	No material safety assessment was performed.

16.0	Other information	
	H 315	Causes skin irritation.
	H 318	Causes severe eye damage.
	R 36 / 38	Irritates the skin and eyes.

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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.

Baunit Ltd

Unit 2, Westmead, New Hythe Lane, Aylesford, Kent, ME20 6XJ

sales@baunit.co.uk www.baunit.com



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