



Baunit FineTop

Safety Data Sheet

As per Appendix II of Directive (EU) no. 1907/2006 as well as (EU) no.453/2010. Revised on: 25/08/2014

1.0	Identification of the material or the mixture and the company	
1.1	Product identifier:	Baunit FineTop
1.2	Relevant identified applications of the material or mixture and applications which are not recommended	
	Use of the material/mixture:	Silicone resin bonded finishing plaster for fine modelling, friction or felt structures to use outdoors, as well as for the uses as shown 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 Tel. + 49 8324 921 1025 Fax + 49 8324 921 1029 email (expert person): sdb@baunit.de
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	
2.1	Classification of the material/mixture:	
	As per (EU) Directive no. 1272/2008:	The mixture is classified as non-hazardous in the sense of Directive (EU) no. 1272/2008. H 412: Hazardous to water organisms with long-term effects\
	As per 1999/45/EU Directive:	The mixture is classified as non-hazardous in the sense of Directive (EU) no. 1999/45/EU. R52/53 Damaging to water organisms, can have long-lasting damaging effects in waters.

2.2	Identification elements	
2.2.1	As per (EU) Directive no. 1272/2008	
	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.
Special instructions:	
EUH 208:	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.

3.0	Compound/Information about components							
3.1	Mixture							
Made of organic binders, supplements, preservatives, additives and water.								
Table of hazardous contents:								
Description	EU no.	CAS no.	Registration number (REACH)	Contents [M.-%]	Classification as per 67/548/EEC Directive		Classification as per Directive (EU) 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.								

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 or delayed symptoms and effects:		No known long-term effects.
After inhaling:		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.
After 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.
After 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. Do not rub the eyes dry. Danger of additional corneal damage by mechanical stress. Always consult an ophthalmologist.
After swallowing:		Consult a doctor immediately. Keep the victim quiet. Rinse the mouth and drink plenty of water in small swallows. Do not induce vomiting.

5.0	Firefighting measures		
5.1	Extinguishing material:		
5.1.1	Suitable extinguishing media:	Water fog, foam (alcohol-resistant), carbon dioxide, powder, extinguishing medium and firefighting must be adapted to the fire environment.	
5.1.2	Unsuitable extinguishing:	Full water spray	
5.2	Instructions for firefighting:	If necessary, self-contained breathing apparatus may be required. Cool closed containers near the fire in water. Do not drain the extinguishing water into the sewers. Aqueous, liquid product is not flammable as long as the water fraction is present.	

6.0	Measures for unintended release		
6.1	Personal precautionary measures, protective equipment and procedures to follow in emergencies:	Avoid touching the eyes and skin, individual protective means (see point 8.3).	
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	Reference to other sections:	Take up with liquid-binding material, such as sand, dirt, diatomaceous earth or vermiculite, then dispose in accordance with regulations (as per point 13). Use no organic solvents, if possible.	
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. Keep the containers sealed. Do not empty the containers with pressure (no pressure containers). Carefully close the containers in order to avoid leaks.	
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 final uses:	Not applicable.	

8.0	Limitation and monitoring exposure / personal protective equipment			
8.1	Parameters to monitor: (source:TRGS 900)	Material designation:	CAS no.	AGW
		Deleted	Deleted	Not applicable
8.2	Limitation and monitoring exposure:			
8.2.1	Limitation and monitoring exposure at the workplace:	Not applicable.		
8.2.1.1	General protective and hygiene measures:	Observe professional society regulations (Leaflet ZH 1/134 Main Association of Commercial BG) Immediately remove dirty and soaked clothing. Wash the hands before breaks and at the end of work.		
	Respiratory protection:	Not necessary.		

	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.
	Eye protection:	Wear tight-fitting goggles (provide an eye wash station)
	Skin protection:	Use hand protection cream as per the skin protection plan.
	Body protection:	Work safety clothing.

9.0 Physical and chemical properties

9.1 Information on the basic physical and chemical properties:

a)	Appearance: Aggregate status: Colour:	Pasty liquid White, colours
b)	Odour	Weak
c)	Odour threshold:	No information
d)	pH level (20 °C):	
e)	Melting/freezing point/ - range:	Not applicable
f)	Boiling point, boiling range:	Not applicable
g)	Flashpoint:	Not applicable
h)	Vapour speed:	Not specified
i)	Ignition temperature:	Non-flammable
j)	Explosion hazard:	Not an explosion hazard
k)	Vapour pressure:	Not specified
l)	Vapour density:	Not specified
m)	Relative density:	1850 g/dm ³
n)	Bulk density:	Not specified
o)	Solubility in water:	Miscible with water
p)	Distribution coefficient n-octanol/water:	Not specified
q)	Self-ignition temperature:	Not self-igniting
r)	Decomposition temperature	No information
s)	Viscosity	No information
t)	Explosive limits:	No information
u)	Oxidising properties:	No information
v)	VOC contents:	< 40 g/l (<22 g/kg)
9.2	Other information:	None

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:	None known
All information assumes use as intended.		

11.0	Toxicological information		
11.1	Information about toxicological effects.		
	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:	Classification-related LD/LC50 values:	
		Terbutryn	CAS: 886-50-0
		Oral (ATE mix)	2630 mg/kg (rats)
		Dermal (ATE mix)	>5000 mg/kg (rats)
	Irritation:	Skin and eye irritation possible.	
	Corrosiveness:	Unknown.	
	Sensitisation:	Multiple and lasting skin contact can lead to skin sensitisation.	
	Toxicity with repeated administration:	Unknown.	
	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:	None.	
	Eye contact:	None.	

12.0	Environmental information		
12.1	Toxicity:	Terbutryn	CAS: 886-50-0
		EC50	48h
		IC50	72h
		LC50	96h
			7.1 mg/l (Daphnia)
			0.0055 mg/l (Senastrum capricornutum) OECD 201
			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.	
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.	

13.0	Instructions on disposal:	
13.1	Waste treatment procedures:	Special waste. Do not dispose with household rubbish. Do not empty the rest into a drain or the toilet. Dispose of non-hardened remnants in accordance with local and official instructions (in accordance with point 13.2).
	EAK/AVV waste key:	08 01 12 (pigment and paint waste with exception of that which falls under 08 01 11)

14.0 Transport instructions

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:	
	German legislation:	Worker protection law, hazardous material regulation.
	Instructions for purchasing limitations:	WGK 1 (slight water hazard), calcium dihydroxide, ID no. 320 as per VwVwS
	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.
	Other regulations, limitations and prohibitions:	Not applicable.
15.2	Material safety assessment:	
		Not applicable.

16.0 Other information

16.1	Text of the hazard instructions (R phrases) with number and text:	
	<p>R 36 Irritates the eyes. R 50/53 Very poisonous to water organisms, can have long-lasting damaging effects in waters.</p> <p>H 319 Causes severe eye damage. H400 Very poisonous to water organisms.</p> <p>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.</p> <p>Department publishing the data sheet:</p> <p>Department: Research and Development Contact for technical information: sdb@baumit.de</p> <p>*Data changed as compared to the last version: Implementation of GHS-VO</p>	
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
	CAS	Chemical Abstracts Service
	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 Substances
	EPA	Type of high efficiency air filter
	HEPA	Type of high efficiency air filter
	IATA	International Air Transport Association
	IFA	Institute for Worker Protection of German Statutory Accident Insurance
	IMDG Code	International agreement on the Maritime transport of Dangerous Goods LC10 Lethal concentration at 10% mortality rate LC50 Median lethal concentration LD10 Lethal dose at 10% mortality rate
	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
	REACH	Registration, Evaluation and Authorisation of Chemicals (Directive (EU) 1907/2006)
	SDB	Safety Data Sheet
	STOT	Specific target organ toxicity
	TRGS	Technische Regeln für Gefahrstoffe [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. [German Chemical Association]
	vPvB	Very persistent, very bioaccumulative
	VwVwS	Verwaltungsvorschrift wassergefährdende Stoffe [Administrative Guidelines for Material Hazards to Water]

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Baumit Ltd

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

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

