

# Baumit StarTop

## Safety Data Sheet

As Directive (EU)1907/2006 (REACH), 1272/2008 & (EU) 830/2015

Issued: 09.04.2018, Revision of: 15/02/2018

<b>1.0</b>	<b>Identification of the material or the mixture and the company</b>	
<b>1.1</b>	<b>Product Identifier</b>	
	<b>Commercial name:</b>	Baumit StarTop (all textures) Further commercial name: Baumit StarTop Fine
<b>1.2</b>	<b>Relevant identified applications of the material or mixture and applications which are not recommended</b>	
	<b>Use of the material/mixture:</b>	Ready to use, pasty finish render for external use (see product datasheet). Do not mix with other products.
<b>1.3</b>	<b>Details of the supplier issuing the safety data sheet</b>	
	<b>Manufacturer:</b>	Baumit GmbH 2754 Waldegg, Wopfing 156  Tel: + 43 (0) 501 888-0 Fax: + 43 (0) 501 888 1266  Office issuing information: <a href="mailto:office@baumit.com">office@baumit.com</a> Office hours: Mon. to Thurs, 7:00 to 16:00 and Fri., 7:00 to 12:00
	<b>Emergency telephone number:</b>	European emergency number: 112 Emergency number: +43 (0) 1 4064 343-0 Poison Information Centre at the First University Hospital, Währinger Gürtel 18-20, 1090 Vienna. Availability: daily 24/7
<b>2.0</b>	<b>Possible hazards</b>	
<b>2.1</b>	<b>Classification of the material/mixture:</b>	
<b>2.1.1</b>	<b>As per (EU) Directive no. 1272/2008</b>	
	<b>Hazard class and category:</b>	Long term hazard in water. Hazard category: Chronic 3
	<b>Hazard advice::</b>	
	<b>H412:</b>	Damaging to water organisms with long term effect.
	<b>EUH208:</b>	Contains a mix of 5-Chloro-2-methyl-4-isothiazolin-3-one and 2-Methyl-2H-isothiazol-3-one (3:1) and 2-Octyl-2H-isothiazol-3-one Can cause allergic reactions
<b>2.2</b>	<b>Identification elements</b>	
<b>2.2.1</b>	<b>As per (EU) Directive no. 1272/2008</b>	
	<b>Signal word:</b>	--
	<b>Hazard components for label:</b>	
	<b>Hazard advice:</b>	
	<b>H412:</b>	Damaging for water organisms with long term effect.
	<b>EUH208:</b>	Contains 5-Chloro-2-methyl-4-isothiazolin-3-one and 2-Methyl-2H-isothiazol-3-one (3:1) and 2-Octyl-2H-isothiazol-3-one. Can cause allergic reactions.
	<b>Safety information:</b>	
	<b>P101</b>	Take label or packaging, if seeking medical advice.
	<b>P102</b>	Keep away from children.
	<b>P273</b>	Avoid release into the environment.
	<b>P501</b>	Hand back or dispose of empty packaging,/containers asper national rules.
<b>2.2.2</b>	<b>Biocide product regulation (528/2012)</b>	
	<b>Product contains following biocide products to protect coating and storage</b>	Terbutryn (ISO), 2-Octyl-2H-isothiazol-3-one and a mix of 5-Chloro-2-Methyl-4-isothiazolin-3-one and 2-Methyl-2H-isothiazol-3-one (3:1)
<b>2.3</b>	<b>Other hazards:</b>	
	<b>Results of PBT- and vPvB</b>	Not applicable.

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**assessments:**

<b>3.0</b>	<b>Composition/Information about components</b>		
<b>3.1</b>	<b>Materials:</b>	Not applicable as it is a mixture.	
<b>3.2</b>	<b>Mixture:</b>	<b>Mixture of following components in non-hazardous quantities:</b>	
	CAS: 26530-20-1 EINECS: 247-761-7	2-Octyl-2H-isothiazol-3-one Acute Tox. 3, H311 Acute Tox. 3, H331; Skin Corr. 1B, H314; H318 Eye dam. 1, H400 (M=10) aquatic acute 1, H410 aqua chronic 1, H302 acute tox. 4 and H317 skin sens. 1A.	<0.05%
	CAS: 886-50-0 EINECS: 212-950-5	Terbutryn Aquatic Chronic 1, H410; Aquatic Acute 1 H400 (M=100), Acute Tox. 4, H302; Skin Sens. 1, H317	< 0.005%
	CAS: 55965-84-9	Mixture of: 5-Chloro-2-methyl-4-isothiazolin-3-one [EC 247-500-7] and 2-Methyl-2H-isothiazol-3-one [EC 220-239-6] (3:1) Acute Tox. 3, H301 Acute Tox. 3, H311; Acute Tox. 3, H331, Acute Tox. 2 H330, Skin Corr. 1B, H314; Aquatic Acute 1, H400 (M=100); Aquatic Chronic 1, H410 (M=10); Skin Sens. 1A, H317	< 0.0015%
Classification as per EU directive no. 1272/2008.			

<b>4.0</b>	<b>First aid measures</b>		
<b>4.1</b>	<b>Description of first aid measures</b>		
	<b>General instructions:</b>	Give immediate help. No special PPE is required for First Aiders.	
	<b>Inhaling:</b>	Ensure fresh air. Seek medical advice if complaint persists.	
	<b>Skin contact:</b>	If skin contact, wash with soap and water. Remove any contaminated clothing, shoes, watches etc. and wash well before wearing again.  If complaint persists, seek medical advice.	
	<b>Eye contact:</b>	If eye contact, remove contact lenses, wash the open eye with lots of water or an salt solution/isotonic eye wash (0.9% NaCl) for ca. 20 minutes. Do not rub eyes dry as this can cause damage to the cornea. Seek immediate medical advice.	
	<b>Swallowing:</b>	If conscious, wash mouth out and drink plenty of water in small sips. Do not induce vomiting. Seek immediate medical advice or consult the POISON INFORMATION CENTRE.	
	<b>Instructions for the doctor:</b>	No known long term effect.	
<b>4.2</b>	<b>Most important acute or delayed symptoms and effects</b>		
	<b>Eyes:</b>	Eye contact can cause serious and possibly lasting damage.	
	<b>Skin:</b>	The product can cause irritation if in contact with moist skin (sweating or air humidity). Can cause allergic reaction. For further information see (1).	
	<b>Breathing:</b>	Health may be damaged if fumes from aerosols from machines are inhaled.	
	<b>Environment:</b>	In normal use, the product is not hazardous to the environment.	
<b>4.3</b>	<b>Information on emergency help or special handling:</b>		
		Take safety data sheet when seeking medical advice.	
	<b>Advice for the doctor:</b>	Symptomatic treatment. No information available.	
<b>5.0</b>	<b>Firefighting measures</b>		
<b>5.1</b>	<b>Suitable extinguishing media:</b>	Mixture is not flammable in its delivered or mixed state. Firefighting measures should be based on the flammability of the surroundings. (water spray, foam, carbon dioxide, alcohol containing foam).	
<b>5.2</b>	<b>Special hazards from the mixture:</b>	In case of a fire, carbon monoxide, carbon dioxide and nitrogen dioxide can be produced	

<b>5.3</b>	<b>Instructions for firefighting:</b>	In case of fire, wear breathing equipment.
<b>6.0</b>	<b>Measures for unintended release</b>	
<b>6.1</b>	<b>Personal precautionary measures:</b>	
<b>6.1.1</b>	<b>Staff not trained for emergencies:</b>	Wear protective clothing as described in Section 8. Follow the instructions for safe handling as described in Section 7. Danger of slipping on spilled product.
<b>6.1.2</b>	<b>Deployment Forces:</b>	Emergency plans are not required. If exposed to high levels of dust, then wear breathing equipment.
<b>6.2</b>	<b>Environmental protection measures:</b>	Do not drain into the sewers, surface water or groundwater. Advise the authorities of any spills.
<b>6.3</b>	<b>Cleaning procedures:</b>	Take up with liquid-binding material, such as sand or sawdust, then dispose in accordance with regulations (as per point 13).
<b>6.4</b>	<b>Reference to other sections:</b>	Check Sections 7, 8 and 13 for further details.

<b>7.0</b>	<b>Handling and storage</b>	
<b>7.1</b>	<b>Protective measures for safe handling:</b>	Follow the recommendations in Section 8. Wash hands at breaks and when work has finished. Do not eat, drink or smoke when working. Avoid contact with eyes or skin. Wear protective goggles and gloves. Wash/clean protective clothing/gloves well before wearing again.
<b>7.2</b>	<b>Conditions for safe storage in regards to incompatibility:</b>	Store in the original container. Carefully close opened containers. Protect from direct sunlight or frost. Keep away from children.

<b>8.0</b>	<b>Limitation and monitoring exposure / personal protective equipment</b>	
<b>8.1</b>	<b>Parameters to monitor:</b>	
	<b>55965-84-9 Mixture of:</b>	5-Chloro-2-Methyl-4-isothiazolin-3-one [EC 247500-7] and 2-Methyl-2H-isothiazol-3-one [EC 220-239-6] (3:1)
	MAK (Austria)	Long term value: 0.05 mg/m <sup>3</sup>
<b>8.2</b>	<b>Limitation and monitoring exposure:</b>	
<b>8.2.1</b>	<b>Additional instructions to structure technical equipment:</b>	Ensure space is well ventilated during work.
<b>8.2.2</b>	<b>General protective and hygiene measures:</b>	Do not eat, drink or smoke when working. Workers should wash and shower, if necessary, before breaks and at the end of work in order to remove sticking mixtures. Use of skin care materials is recommended. Avoid contact with the eyes and skin. Contaminated clothing, shoes, etc. should be cleaned before reuse.
	<b>Skin Protection:</b>	The use of skin care creams is recommended. Wear waterproof, wear- and alkali-resistant gloves e.g. nitrile-dunked cotton gloves (that meet the EC directive 89/686/EEC) that last 480 min before wet/minimum strength: 0.11 mm. Leather gloves are not appropriate due to their water permeability. Wear long-sleeved protective clothing (normal work clothing) as well as skin protective material. If using machine application, we recommend wearing one-use overalls.
	 	
	<b>Face / eye protection:</b>	Wear protective goggles with side protection as per EN 166 if there is a spray hazard. (Provide eye washers)
		
	<b>Respiratory protection:</b>	Not required with manual application. Only needed if aerosol or fumes created by machine application. Then use particle filter P2 as per EN 143. Ensure the work space is well ventilated.
		
<b>8.2.3</b>	<b>Limitation and monitoring environmental exposure:</b>	
	<b>Air:</b>	No special measures required.
	<b>Water:</b>	Do not allow mixture to enter ground water or water system, due to preservatives in the mixture. If there are spills, inform the appropriate authorities.
	<b>Soil:</b>	Do not allow mixture to enter soil, due to preservatives in the mixture. If released into soil, inform the appropriate authorities.

<b>9.0</b>	<b>Physical and chemical properties</b>	
<b>9.1</b>	<b>General Information:</b>	

a)	<b>Appearance:</b> <b>Aggregate status:</b> <b>Colour:</b>	Paste Liquid White or coloured
b)	<b>Odour</b>	Characteristic
c)	<b>Odour threshold</b>	Not known
d)	<b>pH level</b>	ca. 8.5 at room temperature
e)	<b>Melting point:</b>	Not applicable
f)	<b>Boiling point, boiling range:</b>	Not applicable
g)	<b>Flashpoint:</b> <b>Explosion hazard:</b>	Not applicable None
h)	<b>Vapour speed:</b>	Not determined
i)	<b>Flammability:</b>	Not applicable as the mixture is non-flammable
j)	<b>Upper/lower flammability or explosion limits:</b>	Not applicable
k)	<b>Vapour pressure:</b>	Not determined
l)	<b>Vapour density:</b>	Not determined
m)	<b>Relative density:</b>	ca. 1.8 kg/dm <sup>3</sup> (at room temperature)
n)	<b>Solubility in water:</b>	Fully mixable
o)	<b>Distribution coefficient n-octanol/water:</b>	Not applicable.
p)	<b>Self-ignition temperature:</b>	Not applicable
q)	<b>Decomposition temperature</b>	No data available
r)	<b>Viscosity</b>	Not determined
s)	<b>Explosive properties:</b>	Non-explosive
t)	<b>Oxidising properties</b>	Non-oxidising
9.2	<b>Other information:</b>	None

<b>10.0</b>	<b>Stability and reactivity</b>	
10.1	<b>Reactivity:</b>	No known hazardous reactions.
10.2	<b>Chemical stability:</b>	Stable under normal environmental conditions.
10.3	<b>Possible hazardous reactions:</b>	No known hazardous reactions.
10.4	<b>Conditions to avoid:</b>	Frost and direct sunlight. Do not drain into groundwater or surface waters.
10.5	<b>Incompatible materials:</b>	Strong acids and bases and strong oxidation media.
10.6	<b>Hazardous decomposition products:</b>	No hazardous decomposition products if product used and stored in the correct way.

<b>11.0</b>	<b>Toxicological information</b>		
11.1	<b>Toxicity</b>	The product has not been tested. The statement is determined from the properties of the individual components, as per Appendix I of Directive (EC) 1272/2008 (sections 2 and 3).	
	<b>Hazard class</b>	<b>Cat</b>	<b>Effects</b>
	<b>Acute toxicity - dermal</b>	--	There is no toxicological evaluation for the product. All data and recommendations are based on the evaluation process. Insufficient data available to classify.
	<b>Acute toxicity - inhaled</b>	--	
	<b>Acute toxicity - oral</b>	--	
	<b>Irritation to the skin</b>	--	Insufficient data available to classify
	<b>Severe eye damage/irritation</b>	--	Insufficient data available to classify
	<b>Skin sensitisation</b>		Insufficient data available to classify
			<b>Reference</b>

<b>Sensitisation of the respiratory tract</b>	--	Insufficient data available to classify	
<b>Nuclear mutagenicity</b>	--	Insufficient data available to classify	
<b>Carcinogenicity</b>	--	Insufficient data available to classify	
<b>Reproduction toxicity</b>	--	Insufficient data available to classify	
<b>Specific target organ toxicity with single exposure</b>	--	Insufficient data available to classify	
<b>Specific target organ toxicity with repeated exposure</b>	--	Insufficient data available to classify	
<b>Aspiration hazard</b>	--	Insufficient data available to classify	

<b>12.0</b>	<b>Environmental information</b>	
<b>12.1</b>	<b>Toxicity</b>	The product has not been tested. The statement is determined from the properties of the individual components.
<b>12.2</b>	<b>Persistence and degradability:</b>	No data available
<b>12.3</b>	<b>Bioaccumulation potential</b>	No data available.
<b>12.4</b>	<b>Soil mobility</b>	No data available.
<b>12.5</b>	<b>Results of the PBT and vPvP assessment</b>	The mixture contains no components classified as persistent, bioaccumulative or toxic (PBT) or very persistent, very bioaccumulative (vPvB).
<b>12.6</b>	<b>Other hazardous effects</b>	Do not allow to seep into sewers, ground or surface waters.

<b>13.</b>	<b>Instructions for disposal</b>	
	<b>Procedure for waste treatment disposal:</b>	Dispose of waste as per local authority regulations. Leftover product should be disposed of as special waste (do not place with household rubbish).  Hardened leftover product can be disposed of as leftover waste. To harden product, open containers and leave in the open or a well ventilated space. Put cleaned packaging into recycling.  Do not allow leftovers to enter the water system. Do not pour into WC or down drains.
	<b>ÖNORM S2100:</b>	55510 (Waste based on plastic dispersion).
	<b>European Waste Index (EAV):</b>	080112 (Paint and varnish waste except those that fall under 080111).  150102 Plastic packaging

<b>14.0</b>	<b>Transport instructions</b>	
<b>The mixture is subject to none of the international hazardous goods regulations (ADR, RID, ADN, IMDG- Code, ICAO-TI, IATA-DGR).</b>		
<b>Thus no hazardous material classification is required.</b>		
<b>14.1</b>	<b>UN number:</b>	Not applicable.
<b>14.2</b>	<b>Proper UN shipping name:</b>	Not applicable.
<b>14.3</b>	<b>Transport hazard class:</b>	Not applicable.
<b>14.4</b>	<b>Packaging group:</b>	Not applicable.

14.5	<b>Environmental hazards:</b>	Not applicable.
14.6	<b>Special precautionary measures for the user:</b>	Not applicable
14.7	<b>Bulk goods transport as per Appendix II of MARPOL Treaty 73/78 and as per the IBC code:</b>	Not applicable

<b>15.0</b>	<b>Information on legislation</b>	
<b>15.1</b>	<b>Regulations for safety, health and environmental protection/specific legislation for the mixture</b>	
	The product contains the following biocide products to guarantee protection for the coating and storage: Terbutryn (ISO), 2-Octyl-2H-isothiazol-3-one and a mixture of 5-Chloro-2-Methyl-4-isothiazolin-3-one and 2-Methyl-2H-isothiazol-3-one (3:1) (see section 2). VOC-content: <40 g/l (Directive 2004/42/EC)	
<b>15.2</b>	<b>Material safety assessment:</b>	
	No material safety assessment was performed.	

<b>16.0</b>	<b>Other information</b>	
<b>16.1</b>	<b>Changes over the previous version</b>	
	Supplementary VOC content.	
<b>16.2</b>	<b>Abbreviations and acronyms</b>	
	<b>ACGIH</b>	American Conference of Industrial Hygienists
	<b>ADR/RID</b>	European Agreements on the transport of Dangerous goods by Road/Railway
	<b>APF</b>	Assigned protection factor
	<b>CAS</b>	Chemical Abstracts Service
	<b>CLP</b>	Classification, labelling and packaging (Directive (EU) no. 1272/2008)
	<b>EC50</b>	Half maximal effective concentration
	<b>ECHA</b>	European Chemicals Agency
	<b>EINECS</b>	European Inventory of Existing Commercial Chemical Substances
	<b>EPA</b>	Type of high efficiency air filter
	<b>HEPA</b>	Type of high efficiency air filter
	<b>IATA</b>	International Air Transport Association
	<b>IMDG</b>	International agreement on the Maritime transport of Dangerous Goods
	<b>IUPAC</b>	International Union of Pure and Applied Chemistry
	<b>LC50</b>	Median lethal dose
	<b>MEASE</b>	Metals estimation and assessment of substance exposure
	<b>PBT</b>	Persistent, bio-accumulative and toxic
	<b>PROC</b>	Process category
	<b>REACH</b>	Registration, Evaluation and Authorisation of Chemicals (Directive (EU) 1907/2006)
	<b>SDB</b>	Safety Data Sheet

<b>STOT</b>	Specific target organ toxicity
<b>TRGS</b>	Technical Rules for Hazardous Materials
<b>UVCB</b>	Substances of Unknown or Variable composition, Complex reaction products or Biological materials
<b>VCI</b>	Verband der chemischen Industrie e.V. [German Chemical Association]
<b>VOC</b>	Volatile organic compounds
<b>vPvB</b>	Very persistent, very bioaccumulative
<b>VwVwS</b>	Verwaltungsvorschrift wassergefährdende Stoffe [Administrative Guidelines for Material Hazards to Water]

### 16.3 Literature information and data sources

### 16.4 Training recommendations

In addition to training programs for employees on the topics of health, safety and the environment, companies must ensure that their employees read the safety data sheet, understand and can implement the requirements.

### 16.5 Exclusion clause

The information in this safety data sheet describes the safety requirements for our product, and relies on the current status of our knowledge. It provides no assurance of product characteristics. The users of our products are themselves responsible to observe existing laws, regulations and rules, even those not named in this data sheet.

Our recommendations for applications which we give to support the purchasers/handlers 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. The general rules of construction equipment must be adhered to. We reserve the right to make changes which serve to provide technical progress and improve the product or its use. When such technical information appears, earlier information is no longer valid.

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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