



# Baumit Bitufix 2K Component B

## Safety Data Sheet

As per Directive (EU) no.1907/2006 as well as (EU) no. 453/2010

Revised on: 08/05/2015

<b>1.1</b>	<b>Product Identifier</b>	
<b>1.0</b>	<b>Identification of the material or the mixture and the company</b>	
	<b>Commercial name:</b>	Baumit BituFix 2K Component B
<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>	Thick bitumen layer
<b>1.3</b>	<b>Details on the supplier which provides the safety data sheet</b>	
	<b>Manufacturer:</b>	Wopfinger Baustoffindustrie GmbH A-2754 Waldegg / Wopfing 156  Tel: + 43/2633/400-0 Fax: + 43 2633 400 -266 Email: <a href="mailto:office@wopfinger.baumit.com">office@wopfinger.baumit.com</a>  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
<b>1.4</b>	<b>Emergency telephone number:</b>	
		Poison Information Centre at the First University Hospital, Währinger Gürtel 18-20, 1090 Vienna: + 43/1/406 43 43

<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>GHS05</b>	Eye Dam. 1 H318: Causes severe eye damage.
	 <b>GHS07</b>	Skin Irrit. 2 H315 Causes skin irritation. Skin Sens. 1 H317 Can cause allergic skin reactions. STOT SE 3 H335 Can irritate the respiratory tract.
<b>2.1.2</b>	<b>As per 1999/45/EU Directive</b>	
	<b>Classification:</b>	The material/preparation is classified as non-hazardous in the sense of the 67/548/EEC or 1999/45/EU Directives.
	 <b>X1 irritating</b>	R37/38-41: Irritates the respiratory organs and eyes. Hazard of severe eye damage.
	 <b>X1 sensitising</b>	R43: Sensitisation possible with skin contact.

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<b>2.2</b>	<b>Identification elements</b>	
<b>2.2.1</b>	<b>As per (EU) Directive no. 1272/2008</b>	
	<b>Hazard pictogram:</b>	 Signal word: Hazard  Hazardous identifying components on the label: Portland cement brick
	<b>Hazard instructions:</b>	
	<b>H 15</b>	Causes skin irritation.
	<b>H 318</b>	Causes severe eye damage.
	<b>H 317</b>	Can trigger allergic skin reactions
	<b>H 335</b>	Can irritate the respiratory tract.
	<b>Safety Instructions:</b>	
	<b>P 101</b>	If a physician's advice is sought, bring the packaging or label
	<b>P 102</b>	May not be within the reach of children
	<b>P 103</b>	Read the identification label before use.
	<b>P 261</b>	Avoid inhaling dust.
	<b>P 280</b>	Wear gloves/goggles.
	<b>P 305+P 351+P 338</b>	For eye contact: Rinse carefully with water for a few minutes. Remove existing contact lenses if possible. Rinse further.
	<b>P 310</b>	Call a poison information centre/physician.
	<b>P 304+P 340</b>	If inhaled: Bring the person to fresh air, and ensure uninhibited breathing.
	<b>P 501</b>	Dispose of the contents/the container in accordance with local/regional/national/international regulations.
<b>2.2.2</b>	<b>As per 1999/45/EU Directive</b>	
	<b>Hazard symbol:</b>	 Xi, irritating  Xi, sensitising
	<b>Hazard instructions:</b>	
	<b>R 37/38-41</b>	Irritates the respiratory organs and eyes. Hazard of severe eye damage.
	<b>R 43</b>	Sensitisation possible with skin contact.
	<b>Safety instructions:</b>	
	<b>S 2</b>	May not be within the reach of children.
	<b>S 46</b>	If swallowed, seek medical advice immediately, and show packaging or label.
	<b>Extended instructions:</b>	

<b>3.0</b>	<b>Compound/Information about components</b>	
	<b>Composition:</b>	Mixture made of Portland cement clinker
	<b>Hazardous contents:</b>	
	<b>CAS: 65997-15-1</b> <b>EINECS: 266-043-4</b>	Portland cement brick Xi R37/38-41 Xi R43 Eye Dam. 1, H318 Skin Irrit. 2, H315; Skin Sens. 1, H317; STOT SE 3, H335
		10 - 25 %
	The complete text of the H and R sentences can be found in Section 16.	

<b>4.0</b>	<b>First aid measures</b>	
<b>4.1</b>	<b>Description of first aid measures</b>	
		
	<b>General instructions:</b>	Help quickly. No special personal protective equipment is needed for first aid assistants.
	<b>Inhaling:</b>	Provide fresh air. Consult a doctor if there are symptoms. Store and transport in a stable fashion, lying on the side, if unconscious.
	<b>Skin contact:</b>	Wash with water if it comes into contact with the skin. Remove contaminated clothing. Consult a doctor if there are symptoms.

	<b>Eye contact:</b>	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, because additional corneal damage is possible if there is mechanical impact. Always consult an ophthalmologist.
	<b>Swallowing:</b>	If conscious, rinse out the mouth and drink a lot of water in small sips. Do not induce vomiting. Consult a doctor immediately.
	<b>Instructions for the doctor:</b>	No known long-term effects.
<b>4.2</b>	<b>Most important acute or delayed symptoms and effects</b>	
	<b>Eyes:</b>	--
	<b>Skin:</b>	--
	<b>Breathing:</b>	--
	<b>Environment:</b>	The product is not hazardous to the environment with normal use.
<b>4.3</b>	<b>Advice for immediately doctor assistance or special treatment.</b>	
		If a doctor is visited, please bring the safety data sheet.
	<b>Instructions for the doctor:</b>	No known long-term effects.

<b>5.0</b>	<b>Firefighting measures</b>	
<b>5.1</b>	<b>Suitable extinguishing media:</b>	The preparation is not flammable either as delivered or when mixed. Extinguishing material and firefighting must be adapted to the environment of the fire. (Water spray jet, alcohol-resistant foam, carbon dioxide)
<b>5.2</b>	<b>Special hazards from the mixture:</b>	No information available.
<b>5.3</b>	<b>Instructions for firefighting:</b>	Special protective equipment: Wear a suitable breathing apparatus depending upon the environment.

<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.
<b>6.2</b>	<b>Environmental protection measures:</b>	Do not drain into the sewers, surface water or groundwater. Dilute with lots of water.
<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.

		Do not eat, drink or smoke when working. Wear protective goggles and gloves.
7.2	<b>Conditions for safe storage in regards to incompatibility:</b>	<p>May not be within the reach of children.</p> <p>Protect from direct sunlight and frost. Always keep the packages closed. Use no light metal vessels.</p> <p>Storage class: -- VbF class: deleted GiSCode:</p>

8.0	<b>Limitation and monitoring exposure / personal protective equipment</b>	
8.1	<b>Parameters to monitor:</b>	
	Limit values MAK	65997-15-1 Portland cement clinker Long-term values: 5 Units mg/m3
	<b>A = respirable dust fraction E = inhalable dust fraction</b>	<b>TMW = daily average Mow = instantaneous value</b>
		<b>KZW = short-term exposure a) frequency per shift</b>
8.2	<b>Limitation and monitoring exposure:</b>	
8.2.1	<b>Additional instructions to structure technical equipment:</b>	--
8.2.2	<b>General protective and hygiene measures:</b>	<p>Do not eat, drink or smoke when working. Wash and shower, if necessary, before breaks and at the end of work in order to remove sticking mixtures. Avoid contact with the eyes and skin. Workers should wash themselves or shower and use skin care materials after working with the mixture.</p> <p>Contaminated clothing, shoes, etc. should be cleaned before reuse.</p>
	<b>Skin Protection:</b>	Wear waterproof, wear- and alkali-resistant gloves. For example, nitrile-dunked cotton gloves with CE Mark are suitable (see the professional association rule BGR 195 for the Federal Republic of Germany). Note the maximum wearing time. Leather gloves are not appropriate due to their water permeability. Wear long-armed protective clothing (normal work clothing) as well as skin protective material.
		
		
	<b>Face / eye protection:</b>	Wear protective goggles as per EN 166 if there is a spray hazard. (Provide eye washers)
		
	<b>Respiratory protection:</b>	Respiratory protection recommended.
		
8.2.3	<b>Limitation and monitoring environmental exposure:</b>	
	<b>Air:</b>	
	<b>Water:</b>	Do not drain into groundwater or the sewer system.
	<b>Soil:</b>	No special monitoring measures necessary.

9.0	<b>Physical and chemical properties</b>	
9.1	<b>General Information:</b>	
a)	<b>Appearance:</b>	Powder
	<b>Aggregate status:</b>	Solid

	<b>Colour:</b>	Grey
b)	<b>Odour</b>	Slight
c)	<b>Odour threshold</b>	Not determined
d)	<b>pH level</b>	approx. 12.0 at 20°C
e)	<b>Melting point:</b>	Not applicable
f)	<b>Boiling point, boiling range:</b>	Not applicable
g)	<b>Flashpoint:</b>	Not applicable
	<b>Explosion hazard:</b>	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 applicable
l)	<b>Vapour density:</b>	Not determined
m)	<b>Relative density:</b>	approx. 1400 kg/m <sup>3</sup> at 20°C
n)	<b>Solubility in water:</b>	Completely miscible
o)	<b>Distribution coefficient n-octanol/water:</b>	Not applicable.
p)	<b>Self-ignition temperature:</b>	Not applicable, as it is pasty
q)	<b>Decomposition temperature:</b>	Not applicable.
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>	Unknown.
10.2	<b>Chemical stability:</b>	Stable under normal environmental conditions.
10.3	<b>Possible hazardous reactions:</b>	Unknown.
10.4	<b>Conditions to avoid:</b>	Store dry, do not drain into groundwater or surface waters.
10.5	<b>Incompatible materials:</b>	Unknown.
10.6	<b>Hazardous decomposition products:</b>	Unknown.
	All information assumes use as intended	

<b>11.0</b>	<b>Toxicological information</b>		
	<b>Toxicity:</b>	The product has not been tested. The statement is determined from the properties of the individual components.	
	<b>Hazard class:</b>	<b>Cat</b>	<b>Effects</b>
	<b>Acute toxicity – dermal:</b>	--	At present there are no toxicological assessments of the product. All information and recommendations are made on the basis of the assessment procedure.
	<b>Acute toxicity – inhaled:</b>	--	
	<b>Acute toxicity – oral:</b>	--	
	<b>Irritation to the skin:</b>	--	Irritates the skin and mucous membranes.
	<b>Severe eye damage/irritation:</b>	--	Irritating effect.
	<b>Skin sensitisation:</b>		Sensitisation possible with skin contact.
	<b>Sensitisation of the respiratory tract:</b>	--	No data available.
			<b>Reference</b>

<b>Nuclear mutagenicity:</b>	--	No data available.	
<b>Carcinogenicity:</b>	--	No data available.	
<b>Reproduction toxicity:</b>	--	No data available.	
<b>Specific target organ toxicity with single exposure:</b>	--	No data available.	
<b>Specific target organ toxicity with repeated exposure:</b>	--	No data available.	
<b>Aspiration hazard:</b>	--	No data available.	
<b>Effects on health due to exposure:</b>			
The product is not subject to description due to the calculation procedure carried out as per the general guidelines to classify compounds in the EU in the current version. When used and handled in accordance with specifications, the product has no health-damaging effects in our experience and with the available information.			

<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>Aquatic toxicity:</b>	No data available.	
<b>12.3</b>	<b>Persistence and degradability:</b>	No data available.	
<b>12.4</b>	<b>Bioaccumulation potential:</b>	No data available.	
<b>12.5</b>	<b>Soil mobility:</b>	No data available.	
<b>12.6</b>	<b>Results of the PBT and vPvP assessment:</b>	According to the available information, the criteria for classifying as PBT or vPvB have not been met.	
<b>12.7</b>	<b>Other hazardous effects:</b>	No data available.  Water hazard class 1 (self-classification): slightly hazardous to water.	

<b>13.0</b>	<b>Instructions on disposal</b>		
	<b>Procedure for waste treatment disposal:</b>	Disposal as per local and official regulations. Dispose of unused remnants as special waste (do not discard with house rubbish). Dried product remains can be disposed in the house or remaining rubbish.  Do not drain the remains into the sewers. Do not empty into the sink or toilet.  Do not drain the remains into the sewers. Do not empty into the sink or toilet. Do not drain the remains into the sewers. Do not empty into the sink or toilet.	
	<b>ÖNORM S2100:</b>	31409 (rubble, no construction waste)	
	<b>European Waste Index (EAV):</b>	170904 (mixed construction and rubble waste, with exception of that which falls under 170901, 170902, 170903)	

<b>14.0 Transport instructions</b>		
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.

<b>15.0 Information on legislation</b>		
15.1	<b>Regulations for safety, health and environmental protection/specific legislation for the mixture:</b>	
	Preparations Directive (1999/45/EU) as amended by Directive 2013/21/EU. Materials Directive (67/548/EU) as amended by Directive 2013/21/EU.	
	REACH Directive (EU) no. 1907/2006, as amended by Directive (EU) no. 348/20 13. CLP Directive (EU) no. 1272/2008, as amended by Directive (EU) no. 487/2013.	
15.2	<b>Material safety assessment:</b>	
	No material safety assessment was performed.	

<b>16.0 Other information</b>		
16.1	<b>Changes over the previous version:</b>	
	New version as per (EU) Directive no. 1272/2008 (CLP)	
16.2	<b>Abbreviations and acronyms</b>	
	H 315	Causes skin irritation.
	H 317	Can cause allergic skin reactions. H318
	H 318	Causes severe eye damage.
	H 335	Can irritate the respiratory tract.
	R 37/38	Irritates the respiratory organs and eyes.
	R 41	Hazard of severe eye damage.
	R 43	Sensitisation possible with skin contact.
	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
	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

<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>	Technische Regeln für Gefahrstoffe [Technical Rules for Hazardous Materials]
<b>UVCB</b>	Technical Rules for Hazardous Materials
<b>VCI</b>	Verband der chemischen Industrie e.V. [German Chemical Association]
<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 responsible on their own 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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