



# Baunit ReCompact

## Safety Data Sheet

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

Revised on: 12/05/2015

<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>	<b>Baunit ReCompact</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>	Primer for absorbent mineral surfaces for solidifying and increasing abrasion resistance before using mineral-bound plasters and paints, as well as uses shown in the technical leaflet.  Any other use is not advised.
<b>1.3</b>	<b>Details on the supplier which provides the safety data sheet</b>	
	<b>Manufacturer:</b>	Baunit GmbH Reckenberg 12 D-87541 Bad Hindelang, Germany Tel. + 49 8324 921 0 Fax + 49 8324 921 1029 Email: <a href="mailto:info@baunit.de">info@baunit.de</a> , <a href="mailto:sdb@baunit.de">sdb@baunit.de</a>
<b>1.4</b>	<b>Emergency telephone number:</b>	
		Mainz Poison Information Centre, +49 6131 19240

<b>2.0</b>	<b>Possible hazards</b>	
<b>2.1.1</b>	<b>Classification of the material/mixture:</b>	
	<b>As per CLP - (EU) Directive no. 1272/2008:</b>	The mixture is classified as non-hazardous in the sense of Directive (EU) no. 1272/2008.
	<b>Classification as per 1999/45/EU Directive:</b>	The mixture is classified as non-hazardous in the sense of Directive (EU) no. 1999/45/EU.

<b>2.2</b>	<b>Identification elements</b>	
<b>2.2.1</b>	<b>Identification as per (EU) Directive no. 1272/2008</b>	
	<b>Hazard pictogram:</b>	Deleted
	<b>Signal word:</b>	Deleted
	<b>Hazard instructions:</b>	Deleted
	<b>Safety Instructions:</b>	
	<b>P 102:</b>	Consult with a physician. Provide the package or label. May not be within the reach of children.
<b>2.3</b>	<b>Other hazards</b>	
		The product is slightly hazardous to water.
	<b>Results of the PBT and vPvP assessment</b>	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.

<b>3.0</b>	<b>Compound/Information about components</b>						
	<b>Mixture:</b>	Aqueous solution made of potassium silicate, silica sol and organic additives					
	<b>Hazardous contents:</b>						
	<b>Description</b>	<b>EINECS no.</b>	<b>CAS no.</b>	<b>Contents</b>	<b>Classification</b>	<b>Symbol</b>	<b>R</b>
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<b>4.0</b>	<b>First aid measures</b>	
<b>4.1</b>	<b>Description of first aid measures</b>	
	<b>General instructions:</b>	If symptoms persist, or in cases of doubt, seek medical advice. Do not administrate orally if unconscious. Help quickly.
	<b>Most important acute and delayed onset symptoms and effects:</b>	No known long-term effects.
	<b>Inhaling:</b>	Provide fresh air, consult a physician if there are symptoms.
	<b>Skin contact:</b>	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 use solvents.
	<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. Always consult an ophthalmologist.
	<b>Swallowing:</b>	Rinse out the mouth. Do not induce vomiting. Consult a physician immediately.
	<b>Instructions for the doctor:</b>	None.

<b>5.0</b>	<b>Firefighting measures</b>	
<b>5.1</b>	<b>Suitable extinguishing media:</b>	Water fog, foam (alcohol-resistant), carbon dioxide, powder Extinguishing material and firefighting must be adapted to the environment of the fire.
<b>5.2</b>	<b>Unsuitable extinguishing:</b>	Full water spray.
<b>5.3</b>	<b>Special hazards from the mixture:</b>	A thick, black smoke is produced by fire. Inhaling hazardous degradation products could cause severe health hazards.
<b>5.4</b>	<b>Instructions for firefighting:</b>	Wear a circulating breathing apparatus Cool closed containers near the fire in water. Do not drain the remains into the sewers. Aqueous, liquid product is not flammable as long as the water fraction is present. Dispose of fire remnants and contaminated extinguishing water in accordance with local regulations.

<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>Personal precautionary measures, protective equipment and procedures to follow in emergencies:</b>	Do not inhale vapours. Avoid touching the eyes and skin, individual protective means Do not eat, drink or smoke when working.
<b>6.2</b>	<b>Environmental protection measures:</b>	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.
<b>6.3</b>	<b>Cleaning procedures:</b>	Take up with liquid-binding material, such as sand, diatomaceous earth, acid binder, universal binder or sawdust, then dispose in accordance with regulations (as per point 13). Avoid solvents.

6.4	<b>Reference to other sections:</b>	Sections 8 and 13.
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<b>7.0</b>	<b>Handling and storage</b>	
7.1	<b>Protective measures for safe handling:</b>	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	<b>Conditions for safe storage in regards to incompatibility:</b>	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.
7.3	<b>Specific end-uses:</b>	Not applicable.

<b>8.0</b>	<b>Limitation and monitoring exposure / personal protective equipment</b>		
8.1	<b>Parameters to monitor:</b> Source: TRGS 900)	<b>Material designation:</b> Deleted	<b>CAS no.</b> Deleted
			<b>AGW</b> Not applicable
8.2	<b>Limitation and monitoring exposure:</b>		
8.2.1	<b>Additional instructions to structure technical equipment:</b>	Not applicable	
8.2.2	<b>General protective and hygiene measures:</b>	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.	
	<b>Skin Protection:</b>	Use hand protection cream as per the skin protection plan.	
	<b>Face / eye protection:</b>	Wear enclosed goggles if there is a danger of spraying (provide eye washers).	
	<b>Hand protection:</b>	<p><b>Glove material</b> Suitable, for example: Nitrile-soaked cotton gloves, natural rubber (latex) Recommended material thickness: <math>\geq 0.5</math> mm. The selection of a suitable glove depends not only on the material, but also further quality characteristics, and differs from one manufacturer to another. Since the product is a combination of several materials, the resistance of the glove material cannot be calculated in advance, and therefore must be checked before use.</p> <p><b>Penetration time for the glove material</b> Permeation value: Level <math>\geq 6</math> (480 min) The penetration time determined as per EN 374 Part III was not performed under practical conditions. Thus a maximum wear time of 50-% of the penetration time is recommended. The exact break-through time must be learned from the protective glove manufacturer, and must be adhered to.</p>	
	<b>Respiratory protection:</b>	Respiratory protection required with insufficient ventilation and spraying (particle filter P2).	
	<b>Body protection:</b>	Work safety clothing.	
8.2.3	<b>Limitation and monitoring environmental exposure:</b>	Provide an exhaust system with a filter.	

<b>9.0</b>	<b>Physical and chemical properties</b>	
9.1	<b>General Information:</b>	
a)	<b>Appearance:</b> <b>Aggregate status:</b> <b>Colour:</b>	Liquid Liquid Yellow, clear

b)	<b>Odour:</b>	Weak, Characteristic
c)	<b>Odour threshold:</b>	No information
d)	<b>pH level:</b>	Approx.. 11.3
e)	<b>Melting point:</b>	No information
f)	<b>Boiling point, boiling range:</b>	0 °C
g)	<b>Flashpoint:</b>	Not specified
h)	<b>Vapour speed:</b>	Not specified
i)	<b>Ignition temperature:</b>	Not applicable as the mixture is non-flammable
j)	<b>Explosion hazard:</b>	Not an explosion hazard
k)	<b>Vapour pressure:</b>	Not specified
l)	<b>Vapour density:</b>	Not specified
m)	<b>Relative density:</b>	1170 g/dm <sup>3</sup>
n)	<b>Water solubility (20 °C):</b>	Miscible with water
o)	<b>Distribution coefficient n-octanol/water</b>	Not specified
p)	<b>Self-ignition temperature:</b>	Not self-igniting
q)	<b>Decomposition temperature:</b>	No information
r)	<b>Viscosity:</b>	No information
s)	<b>Explosive properties:</b>	Not specified
t)	<b>Oxidising properties:</b>	No information
u)	<b>VOC contents:</b>	<0.1 g/l (Decopaint, RL 2004/42/EU)
9.2	<b>Other information:</b>	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.

<b>10.0</b>	<b>Stability and reactivity</b>	
10.1	<b>Reactivity:</b>	No decomposition if used as directed. Protect against frost, heat and direct sun radiation.
10.2	<b>Chemical stability:</b>	The product is stable.
10.3	<b>Possible hazardous reactions:</b>	None known.
10.4	<b>Conditions to avoid:</b>	None known.
10.5	<b>Incompatible materials:</b>	Keep away from strongly acidic and alkaline media, as well as oxidisers, in order to avoid exothermic reactions.
10.6	<b>Hazardous decomposition products:</b>	At high temperatures, degradation products, such as carbon dioxide, carbon monoxide, smoke and nitrous oxide can be produced.
	All information assumes use as intended	

<b>11.0</b>	<b>Toxicological information</b>	
	<b>Toxicity:</b>	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.

	<b>Hazard class:</b>	<b>Cat</b>	<b>Effects</b>	<b>Reference</b>
	<b>Acute toxicity:</b>	--	No information available.	--
	<b>Irritation:</b>	--	Hazard: irritating effect on the eyes, nose and respiratory tract	--
	<b>Corrosiveness:</b>	--	None known.	--
	<b>Sensitisation:</b>	--	No known sensitisation effect.	--
	<b>Toxicity with repeated administration:</b>	--	No known.	--
	<b>Carcinogenicity:</b>	--	No information.	--
	<b>Mutagenicity:</b>	--	No information.	--
	<b>Reproductive toxicity:</b>	--	No information.	--
<b>11.1.1</b>	<b>Symptoms and effects (delayed and chronic) with information about exposure paths</b>			
	<b>Inhaling:</b>	Slightly irritating effect.		
	<b>Swallowing:</b>	Slightly irritating effect.		
	<b>Skin contact:</b>	Slightly irritating effect.		
	<b>Eye contact:</b>	Slightly irritating effect.		
<b>12.0</b>	<b>Environmental information</b>			
<b>12.1</b>	<b>Toxicity:</b>	Should not be poured into surface waters or sewers, disruption caused by increasing pH.		
<b>12.2</b>	<b>Persistence and degradability:</b>	No information available.		
<b>12.3</b>	<b>Bioaccumulation potential:</b>	No information available.		
<b>12.4</b>	<b>Soil mobility:</b>	No information available.		
<b>12.5</b>	<b>Results of the PBT and vPvP assessment:</b>	No information available.		
<b>12.6</b>	<b>Other hazardous effects:</b>	Slightly hazardous to water. Do not pour undiluted into large volumes into the groundwater, waters or sewers.		
<b>13.0</b>	<b>Instructions on disposal</b>			
<b>13.1</b>	<b>Procedure for waste treatment disposal:</b>	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).		

13.2	<b>EAK/AVV waste key:</b>	for example 06 02 99, waste a. n. g.
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#### 14.0 Transport instructions

No hazardous goods as per the regulations for the transport of hazardous goods ADR, RID, ADN, IMDG code, ICAO-TI, IATA-DGR.

14.1	<b>UN number:</b>	Not applicable.
14.2	<b>Proper UN shipping name:</b>	Not applicable.
14.3	<b>Transport hazard class:</b>	Not applicable.
14.4	<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.

#### 15.0 Information on legislation

##### 15.1 Regulations for safety, health and environmental protection/specific legislation for the mixture

	<b>German legislation:</b>	Worker protection law, hazardous material regulation
	<b>Instructions for purchasing limitations:</b>	Observe § 22 JArbSchG. Observe possible employee limitations as per the mother protection guidelines.
	<b>ChemVerbotsV:</b>	Not applicable.
	<b>12. BImSchV (StörfallV):</b>	Not applicable.
	<b>Water hazard class:</b>	WGK 1 (light water hazard), as per the VwVwS
	<b>Technical directions for air (TA Luft):</b>	No information.
	<b>Operations Safety Regulation (BetrSichV):</b>	Not applicable.
	<b>Other regulations, limitations and prohibitions:</b>	Not applicable.
	<b>Relevant TRGS:</b>	TRGS 500 TRGS 900
	<b>Relevant UVV, BGV, BGR:</b>	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)
	<b>GISCODE:</b>	M-SK02 2K silicate paints
	<b>Storage class as per TRGS 510:</b>	<b>VCI storage class:</b> Not applicable, as it is not a hazardous material.
	<b>Material safety assessment:</b>	Not applicable.

#### 16.0 Other information

##### Text of the hazard instructions (R phrases) with number and text:

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.

Baumit Ltd

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**Department publishing the data sheet:**

Department: Research and Development

<b>ADN</b>	European treaty on the international transport of hazardous goods and domestic water routes.
<b>ADR</b>	European treaty on the international transport of hazardous goods on roads.
<b>AGW</b>	Workplace limit value.
<b>CAS</b>	Chemical Abstracts Service (division of the American Chemical Society).
<b>EINECS</b>	European Inventory of Existing Commercial Chemical Substance.
<b>ELINCS</b>	European List of Notified Chemical Substances.
<b>GHS</b>	Globally Harmonised System of Classification and Labelling of Chemic.
<b>IATA</b>	International Air Transport Association.
<b>IMDG</b>	International Maritime Dangerous Goods.
<b>LC50</b>	Mean lethal concentration, 50%.
<b>LD50</b>	Mean lethal dose, 50%.
<b>PBT</b>	Persistent, bioaccumulative and toxic.
<b>RID</b>	Regulation for International Rail Transport of Hazardous Materials.
<b>TRGS</b>	Technical Rules for Dangerous Substances, BAuA, Germany.
<b>vPvB</b>	Very Persistent and very Bioaccumulative.

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