



Baunit NanoPorColor

Safety Data Sheet

According to Regulation (EC) No. 1907/2006 (REACH)

Revised on: 29/02/2012

1.1	Product Identifier	
1.0	Identification of the material or the mixture and the company	
	Commercial name:	Baunit NanoPorColor – white and coloured
1.2	Relevant identified applications of the material or mixture and applications which are not recommended	
	Use of the material/mixture:	Silicate emulsion paint for mineral and dispersion based old and new renders and paints for exterior use.
1.3	Details on the supplier which provides the safety data sheet	
	Manufacturer:	Baunit GmbH Reckenberg 12 D-87541 Bad Hindelang Germany Tel.: + 49 8324 921 0 Fax: + 49 8324 921 470 E-Mail: info@baunit.de, sdb@baunit.de
1.4	Emergency telephone number:	
		Poison Information Centre Mainz +49 6131 19240

2.0	Possible hazards	
2.1	The substance or preparation is classified under Directive 67/548/EEC and 1999/45/EC as not dangerous.	
2.2	Classification of the substance or mixture:	Deleted.
	R-phrases:	Deleted.
	Further remarks:	The product is slightly hazardous for water.

3.0	Compound/Information about components						
3.1	Materials						
	Preparation of organic binders, fillers, pigments and additives containing potassium silicate.						
3.1.1*	Hazardous ingredients:						
	Description	EINECS	CAS no.	Amount	Classification	Symbol	R-phases
	Deleted	---	---	---	Deleted	---	Deleted

4.0	First aid measures:	
4.1	Description of first aid measures:	In all cases of doubt, or when symptoms persist, seek medical advice. Never give anything by mouth to an unconscious person or a person with cramps.
4.2	After inhalation:	Provide fresh air. If symptoms seek medical advice.
4.3	In case of skin contact:	Take off immediately all contaminated clothing. After contact with skin, wash immediately with plenty of water and soap. If symptoms seek medical advice.
4.4	In case of eye contact:	In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Subsequently consult an ophthalmologist.
4.5	After ingestion:	Consult physician immediately. Keep at rest. Rinse mouth thoroughly with water. Do not induce vomiting.
4.6	Information to physician:	Long term effects are not known.

5.0	Firefighting measures	
5.1	Suitable extinguishing media:	Water fog, foam (alcohol resistant) Carbon dioxide (CO2). Water mist alcohol resistant foam. Extinguishing powder. Extinguishing agents and fire fighting are tune in to the surrounding fire.
5.2	Extinguishing media which must not be used for safety reasons:	High power water jet.
5.3	Special hazards from the mixture:	None known.
5.4	Instructions for firefighting:	Use appropriate respiratory protection. Closed containers to the fire cool with water. Do not allow run-off from fire-fighting to enter drains or water courses. Aqueous, liquid product is not flammable, as long as water is present.

6.0	Accidental release measures	
6.1	Personal precautions, protective equipment and emergency procedures:	See protective measures under point 7 and 8.
6.2	Environmental measures:	Do not allow to enter into surface water or drains. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.
6.3	Methods and material for containment and cleaning up:	Soak up with inert, non - flammable material (eg sand, earth, vermiculite), then properly dispose of (according to item 13). Don't use organic solvents if possible.

7.0	Handling and storage	
7.1	Advices on safe handling:	Avoid contact with skin and eyes. Keep container tightly closed. Never use pressure to empty container.
7.2	Requirements for store- rooms and containers:	Keep/Store only in original container. Protect from frost, heat and direct sunlight. Manufacturer's instructions on the label.

8.0	Exposure controls/personal protection:			
8.1	Control parameters: (Source: TRGS 900)	Identification of the substance	CAS-Nr.	AGW
		Deleted	Deleted	Not relevant
8.2	Limitation and monitoring of exposure:			
	Technical measures:	Not applicable.		
8.3	General protection and hygiene measures:	note BG regulations (previously: ZH 1 / 134)		
	Respiratory protection:	None. Avoid inhalation of spray mist.		
	Hand protection:	Tested protective gloves must be worn.		
	Eye / Face protection:	Tightly sealed safety glasses.		
	Skin protection:	Protect skin by using skin protective cream.		
	Body protection:	Worker protective clothing.		
8.4	Environmental exposure controls:	No information.		

9.0	Physical and chemical properties		
9.1	Information on the basic physical and chemical properties:		
a)	Appearance:	Pasty	
	Colour:	White and pigmented	
b)	Odour:	Characteristic	
c)	Odour threshold:	No information	
d)	pH value (20 °C):	Not applicable	
e)	Melting / freezing point:	Not applicable	
f)	Boiling point, boiling range:	Not applicable	
g)	melting point / melting range:	Not applicable	
h)	Explosivity:	No	
i)	Oxidizing characteristics:	No	
j)	Flammability:	Non-flammable	
k)	Flash point (°C):	Not applicable	
l)	density:	1500-1600 g/dm ³	
m)	Water solubility (g/l):	miscible with water	
n)	bulk density:	Not applicable	
o)	Solvent content (%):	< 40 g/l, Category Ac (Wb)	
9.2	Other information:	On further information on physical-chemical properties according to Directive 91/155/EEC has been omitted as not applicable.	

10.0	Stability and reactivity	
10.1	Conditions to avoid:	Protect from frost, heat and direct sunlight.
10.2	Incompatible materials:	None known.
10.3	Hazardous decomposition products:	None known.
All information assumes use as intended.		

11.0	Toxicological information	
11.1	Information on toxicological effects:	
	The product itself is not checked. The preparation is classified by the conventional method (calculation procedure EU Directive 1999/45/EC) and in accordance with the toxic hazards.	
	Irritation:	Irritant to eyes and skin.
	Inhalation:	None known.
	Ingestion:	No toxic properties. Drink plenty of fluids and seek medical advice.
	Skin contact:	Prolonged or repeated contact with skin may cause irritation.
	Eye contact:	Liquid splashes may cause irreversible eye damage. Possible mechanical irritation of the retina by filler.
	Other information:	Repeated and prolonged exposure may cause sensitisation.

12.0	Environmental information	
	Toxicity:	Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

13.0	Instructions on disposal	
13.1	Waste treatment methods:	Liquid product not disposed of with household waste. Remains not empty into the sink or toilet. Packaging with cured deposits and uncured residues according to local regulatory requirements and disposed of in accordance (subject to point 13.2).
13.1.2	Waste codes / waste designations according to EWC / AVV:	08 01 12 Paint and paint wastes other than those mentioned in 08 01 11

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).		
14.1	Classification:	The product is not classified according to the applicable Dangerous Goods Regulations.
	Land transport (ADR/RID):	No Label

	Inland waterway craft (ADN/ADNR):	No Label
	Sea transport (IMDG):	No Label
	Air transport (ICAO-TI / IATA-DGR):	No Label
14.2	Additional information:	Protect from frost and direct sunlight.

15.0 Information on legislation		
15.1	Safety, health and environmental regulations/legislation specific for the substance or mixture:	
	Danger symbol and danger designation:	No
15.2	Chemical name of the hazardous trip:	Deleted
15.3	Water Hazard Class:	WHC: 1 (Self classification) slightly hazardous for water
15.4	TA for Clean Air:	Deleted
15.5	R-phrases:	Deleted
15.6	S-phrases:	S2 Keep out of the reach of children. S24/25 Avoid contact with skin and eyes. S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S37/39 Wear suitable gloves and eye/face protection. S46 If swallowed, seek medical advice immediately and show this container or label.
Note the provisions of the Employee Protection Act and its Regulations in valid version.		

16.0 Other information	
	<p>Relevant R-phrases: deleted</p> <p>These data refer to the product as delivered. The information in this safety data sheet describes the safety requirements of our product and do not represent any specific product features. For more information, see the technical data sheet or product data sheet.</p> <p>Further remarks: Department: Research and development E-mail (competent person):: sdb@baumit.de (8-16 Clock)</p> <p>* Data changed compared with the previous version: previous product name "NanoporFarbe"</p>

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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