



**Safety Data Sheet acc.
Regulation (EC) No 1907/2006**

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Date issued: 18.12.2014
Revision Date: 18.05.2020

Version: 0005

N/A = Not Applicable
DNA = Data Not Available

Knauf Aquapanel GmbH & Co. KG

1. Identification of the substance / preparation and company

1.1 Substance / preparation

Commercial product name **AQUAPANEL® Cement Board Indoor, AQUAPANEL® Cement Board Indoor – Lighter. Easier. Faster, AQUAPANEL® Cement Board Outdoor, AQUAPANEL® Cement Board Floor Tile Underlay, AQUAPANEL® Cement Board SkyLite, AQUAPANEL® Cement Board Universal, AQUAPANEL® Cement Board Rooftop 12,5 mm, AQUAPANEL® Cement Board Rooftop 6 mm**

Application **Fiberglass reinforced carrier plates and façade backing boards**

Product-code.

Order-No.

Composition-No.

1.2 Company/Undertaking identification

Knauf Aquapanel GmbH & Co. KG

Zur Helle 11

D- 58638 Iserlohn

Telephone: int+49-(0)2374-50360

Fax: int+49-(0)2374-5036300

e-mail: aquapanel.info@knauf.com

1.3 Emergency telephone

Giftnotruf Berlin, Beratungsstelle für Vergiftungserscheinungen und Embryonaltoxikologie

Telephone: int+49-(0)30-19240

2. Classification according to Regulation (EC) No 1272/2008

Not classified as hazardous. The cement boards are articles according the regulation mentioned above. In case of cutting or drilling the boards, hazards can occur. Machine tools (including hand-held tools) must always be connected to an effective ventilation system, in case of ineffectiveness of other technical or organizational measures. As personal protective equipment for cutting operations use dust mask P2. Caution: During cutting operations, respirable fumed silica may be released. Always use suitable ventilation.

2.1 Description of hazards

Hazards are not expected.

2.2 Impact on human health

Hazards are not expected.

2.3 Impact on environment

None

3. Composition / Information on ingredients

The product is an article according Regulation 1907/2006. The function of an article is mainly determined due to the specific shape, surface and less due to the chemical composition. The carrier plate is composed of cement, fillers and mineral fibres.

3.1 Hazardous constituents according to Regulation 1907/2006/EC

CAS-No.	EC-No.	Chemical name	m %	pictogram	H-Phrases
N/A	N/A	N/A	N/A	N/A	N/A

see for H-Phases at chapter 16.2.

3.2 Substances, not listed in chapter 2.1

(see chapter 8.)

3.3 additional information

Portland cement CAS 65 997-15-1 / EC 266-043-4
low chromate concentration according to TRGS 613.
(Germany), 1907/2006/EC Annex XVII, No 47,
ChemikalienverbotsVO

4. First Aid Measures

4.1 General information

Consult physician immediately, if discomfort occurs after contact with the product.

4.2 Inhalation

Remove the person to fresh air, obtain medical assistance.



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4.3	<i>Skin contact</i>	Flush immediately with plenty of water and soap. Remove contaminated clothing immediately from skin.
4.4	<i>Eye contact</i>	Irrigate with plenty of water and obtain medical advice.
4.5	<i>Ingestion</i>	Do not induce vomiting. Consult physician immediately.
4.6	<i>Information for the physician</i>	
	<i>Symptoms</i>	N/A
	<i>Hazards</i>	Hazards not expected
	<i>Treatment</i>	symptomatic treatment
4.7	<i>First aid equipment</i>	N/A
4.8	<i>Additional Information</i>	None

5. Fire-fighting Measures

- 5.1** ***Suitable extinguishing media***
The product is not flammable.
- 5.2** ***Unsuitable extinguishing media***
The product is not flammable.
- 5.3** ***Special hazards caused by substance or preparation itself, its combustion products or released gases***
Hazards not expected.
- 5.4** ***Special protective equipment***
Adapt equipment on surrounding combustion.
- 5.5** ***Additional information***
None.
-

6. Accidental release Measures

- 6.1** ***Personal protection*** (see chapter 8., personal protection)
Ventilate sufficiently.
- 6.2** ***Environmental protection*** (see chapter 13., disposal)
Keep away from surface water, ground water and drains.
- 6.3** ***Methods on cleaning up***
Absorb mechanically and dispose of according to legal provisions.
- 6.4** ***Additional information***
None
-

7. Handling and Storage (National regulations see chapter 15., 16.)

- 7.1** ***Handling***
- Advice on safe handling***
See chapter 8
- Fire control and explosion prevention***
No special measures
- Additional requirements***
None
- 7.2** ***Storage***
- Requirements for storage and vessels***
None
- Advice on storage compatibility***
Keep away from acids
- Further information on storage conditions***
Keep dry
- Storage category***
13 (VCI storage concept)
- 7.3** ***Special usage***
DNA
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8. Exposure and personal protection

- 8.1** ***exposure limit values***



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Limit value type	Substance	CAS-No.	Limits		Peak limitation	Source
			mg/m ³	ml/m ³		
AGW (D, 2014)	General dust limit	---	1,25 A 10 E	---	2(II)	TRGS 900
Directive 2019/130 / E	Silica dust	14808-60-7	0,1 A	---	---	Exposure limit of the European Union
Occupational exposure limits (United Kingdom)	Portland cement	65997-15-1	4 A 10 E	---	---	Limit Values United Kingdom – WEL EH40/2005

A = respirable fraction
E = inhalable fraction

8.2 Limitation and control of occupational exposure

See chapter 7

Personal protection

Respiratory protection

Not applicable in duly practice. In case of dust formation use dust mask P2.

Hand protection

Use protective gloves.

Eye protection

Protective goggles where eye contact is possible.

Body protection

Wear protective overalls and footwear.

Skin protection

Use revitalizing cream

General measures

Wash hands before breaks and end of work. When using do not drink or eat.

9. Physical and chemical properties

9.1 General information

Form: solid

Colour: cement-grey

Odour: Odourless

9.2 Important information on health- and environmental safety

Melting point: >1000 °C

Grammage (kg/m²): ca. 17

Density (g/cm³): 1200 up to 1450

9.3 Additional information

None

10. Stability and reactivity

10.1 Hazardous reactions

No hazardous reactions known.

10.2 Hazardous decomposition products

No hazardous decomposition products known.

10.3 Additional information

None

11. Toxicological information

11.1 Toxicological tests

11.1.1 Acute toxicity / specific result of animal experiments

LD50 rats, oral (mg/kg) DNA

LC50 rats, inhalation (mg/l/4h) DNA

LD50 rats, dermal (mg/kg) > 2000

11.1.2 Irritancy and corrosiveness / sensitizing effect

Skin irritation DNA



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Eye irritation	Direct contact on mucous membranes may cause irritation of the eyes. Mechanic irritation possible (wear safety glasses).
Skin sensitisation	Repeated or prolonged contact may cause skin irritation (wear impervious gloves).
11.1.3 Subchronic, prolonged toxicity / carcinogenetic, mutagenicity and reproductive toxicity effects	
Carcinogenity	DNA
Mutagenicity	DNA
Reproductive toxicity	DNA
Chronic Toxicity	DNA
11.1.4 Additional Information	
11.2 Past experience	
11.2.1 Relevant observations for classification	Due to the hydrophobic properties and the alkalinity of cement direct contact on mucous membranes may cause irritation of the eyes.
11.2.2 Other observations	Repeated or prolonged contact may cause skin irritation.
11.3 General information	Toxicity studies have not been conducted on this product.
12. Ecological information	
12.1 Ecotoxicity	
Aquatic Toxicity:	
96 h LC50 (fish)	DNA
48 h EC50 (Daphnia)	DNA
72 h IC50 (Alga)	DNA
Waste water treatment plant:	DNA
12.2 Mobility	
DNA	
12.3 Persistence and degradability	
DNA	
12.4 Bioaccumulation potential	
DNA	
12.5 Other adverse effects	
Ozone depletion	DNA.
Potential for photochemical ozone formation	DNA
AOX	DNA
12.6 Additional information	
COD-Value	DNA
BOD-Value	DNA
Substances according to regulations 2006/11/EC	
None	
12.7 Water endangerment category	
Slightly water endangering (WGK1), self-classified	
Keep away from drains, surface water and groundwater	
12.8 Result of PBT assessment	
DNA	
13. Advice on disposal	
13.1 Disposal according to national regulations (Abfallverzeichnis Verordnung, Germany)	
Notice:	this recommendation is only for unused product, for further information please refer to local regulations
Category:	Construction and demolition wastes
Description:	concrete, bricks, tiles and ceramics
Waste code :	17 01 07 mixture of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06
Disposal :	D 1 above/ in ground waste storage (e.g. landfill)
Recycling :	R 3/5 utilization/recuperation of organic materials, those that are not used as solvents Utilization/recuperation of other organic materials



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13.2 *uncleaned packages*

Advice: containers are to be emptied. The containers can be reused.
Recommended cleaning procedure: a removal of the dry remaining content is possible.

14. Transport information

- 14.1 *Land transport ADR / RID / GGVSE* Not classified as hazardous for transport.
14.2 *Marine transport IMDG / GGVSee* Not classified as hazardous for transport.
14.3 *Air transport ICAO / IATA* Not classified as hazardous for transport.

15. Regulatory information

15.1 *National regulations*

Advice on: N/A
Statutory order on hazardous incidents: N/A
Technische Anleitung Luft: N/A
Water hazard class: WGK 1 (self-classification)

Other regulations, restrictions:

None known

15.2 *Chemical Safety Report*

DNA

16. Additional information

16.1 *Record retention*

NA

Customers

industry, private consumers

16.2 *Wording of P-phrases*

P280 – Wear protective gloves/protective clothing/eye protection/face protection.

P305/P351/P338/P310 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

P302/P352/P333/313 – IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.

P261/P304/P340/312 – Avoid breathing dust. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

16.3 *responsible division / contact / telephone*

Contact information:

Knauf Aquapanel GmbH & Co. KG, Zur Helle 11, D-58638 Iserlohn

Telephone: int+49-(0)2374-50360

Fax: int+49-(0)2374-5036300

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Adding the occupational exposure limits (United Kingdom) for Portland cement at point 8.1.

16.4 This data sheet provides you with reference points for the safe handling, storage, transport and disposal. The information is based on the current level of knowledge and assures no certain characteristics. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with handling, storage, use or disposal of the products AQUAPANEL® Cement board indoor, outdoor.