



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

Page 1 - 7

Date issued: 18.12.2014  
Revision Date: 21.08.2023

Version: 0008

N/A = Not Applicable  
DNA = Data Not Available

## ***Knauf Aquapanel GmbH & Co. KG***

### **1. Identification of the article and of the company/undertaking**

#### **1.1 Product identifier**

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 PERMAROCK® Cement Board Indoor, PERMAROCK® Cement Board Outdoor**

Index-No: None, because it´s an article  
EG-No.: None, because it´s an article  
CAS-No.: None, because it´s an article  
REACH-Registration No.: None, because it´s an article  
UFI-Code: not assigned

Product-code.

Order-No.

Composition-No. DNA

#### **1.2 Relevant identified uses of the article and uses advised against**

Relevant identified uses:

Fiberglass reinforced carrier plates and façade backing boards

Uses advised against:

no data

#### **1.3 Details of the supplier of the safety data sheet**

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](mailto:aquapanel.info@knauf.com)

#### **1.4 Emergency telephone**

Giftnotruf Berlin, Beratungsstelle für Vergiftungserscheinungen und Embryonaltoxikologie

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

### **2. Hazards identification**

#### **2.1 Classification of the Substance or mixture**

##### **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.

#### **2.2 Label elements**

None

#### **2.3 Other hazards**

##### **Impact on human health**

Hazards are not expected.

##### **Impact on environment**

None

### **3. Composition / Information on ingredients**

#### **3.1 Substances:**

-

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**3.2 Mixtures:**

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.

**Regulation (EC) No 1272/2008**

Hazardous ingredients	CAS-No. EG-No.	% [weight]	Classification 1272/2008	Specific Concentration limits, M- Factors	Acute Toxicity Estimates (ATE)
N/A	N/A	N/A	N/A	N/A	N/A

see for H-Phrases at chapter 16

**Substances, not listed in chapter 3**

(see chapter 8.)

**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 Description of first aid measures**

**General information**

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

**Inhalation**

Remove the person to fresh air, obtain medical assistance.

**Skin contact**

Flush immediately with plenty of water and soap. Remove contaminated clothing immediately from skin.

**Eye contact**

Irrigate with plenty of water and obtain medical advice.

**Ingestion**

Do not induce vomiting. Consult physician immediately.

**4.2 Most important symptoms and effects, both acute and delayed**

none

**4.3 Indication of any immediate medical attention and special treatment needed**

Treat symptomatically

**5. Firefighting measures**

**5.1 Extinguishing media**

**Suitable extinguishing media**

The product is not flammable.

**Unsuitable extinguishing media**

The product is not flammable.

**5.2 Special hazards arising from the article**

Hazards not expected.

**5.3 Advice for firefighters**

Adapt equipment on surrounding combustion.

**5.4 Additional information**

none

**6. Accidental release measures**

**6.1 Personal precautions, protective equipment and emergency procedures**

(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 and material for containment and cleaning up**

Absorb mechanically and dispose of according to legal provisions.

**6.4 Reference to other sections**

Observe protective measures in Sections 7 and 8

**6.5 Additional information**

none

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

**7.1 Protective measures**

**Advice on safe handling**

See chapter 8

**Fire control and explosion prevention**

No special measures

**Additional requirements**

None

**7.2 Conditions for safe storage, including any incompatibilities**

**Requirements for storage and vessels**

None

**Advice on storage compatibility**

Keep away from acids

**Further information on storage conditions**

Keep dry

**Storage category**

13 (TRGS 510)

**7.3 Specific end use(s)**

Building material

**8. Exposure controls and Personal Protection**

**8.1 Control parameters**

**Occupational exposure limits**

Limit value type	Substance	CAS-No.	Limits		Peak limitation	Source
			mg/m <sup>3</sup>	ml/m <sup>3</sup>		
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

**DNEL/PNEC-values**

none

**8.2 Exposure controls**

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**



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## 9.1 Information on basic physical and chemical properties

**Physical state:** solid                      **Colour:** cement-grey                      **Odour:** Odourless

Melting point: >1000 °C  
 Boiling point: (1013 hPa)      no data  
 Flammability (solid, gas):      no data  
 Lower explosion limit:          no data  
 Upper explosion limit:          no data  
 Flash point:                      no data  
 Auto-ignition temperature:      no data  
 Decomposition temperature:      no data  
 pH-value: (10 g/L)              ca. 7  
 Kinematic viscosity:              no data  
 Solubility (Water)                non soluble  
 Partition coefficient (log P<sub>ow</sub>)      no data  
 Vapor pressure:                  no data  
 Density: (20 °C)                 no data  
 Relative vapor density:          no data  
 Particle characteristics:          no data

## 9.2 Other information

### Important information on health- and environmental safety

Grammage (kg/m<sup>2</sup>):                  ca. 17  
 Density (g/cm<sup>3</sup>):                      1200 up to 1450

## 10. Stability and Reactivity

### 10.1 Reactivity

No information.

### 10.2 Chemical stability

No information.

### 10.3 Possibility of hazardous reactions

No information.

### 10.4 Conditions to avoid

No information.

### 10.5 Incompatible materials

No information.

### 10.6 Hazardous decomposition products

No information.

## 11. Toxicological information

### 11.1 Information on hazard classes as defined in Regulation (EC) No. 1272/2008

#### 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

#### Irritancy and corrosiveness / sensitizing effect

Skin corrosion/irritation	DNA
Eye damage/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).

Germ cell mutagenicity	DNA
Carcinogenicity	DNA
Reproductive toxicity	DNA
Aspiration hazard	DNA
Specific target organ toxicity (single exposure)	DNA

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Specific target organ toxicity (repeated exposure) DNA

**11.2 Information on other hazards**

**11.2.1 Endocrine disrupting properties**

DNA

**11.2.2 Other information**

**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.

**Other observations**

Repeated or prolonged contact may cause skin irritation.

**General information**

Toxicity studies have not been conducted on this product.

**12. Ecological information**

**12.1 Toxicity**

**Aquatic Toxicity:**

96 h LC50 (fish) DNA

48 h EC50 (Daphnia) DNA

72 h IC50 (Alga) DNA

**Waste water treatment plant:** DNA

**12.2 Persistence and degradability**

DNA

**12.3 Bioaccumulation potential**

DNA

**12.4 Mobility in soil**

DNA

**12.5 Results of PBT and vPvB assessment**

DNA

**12.6 Endocrine disrupting properties**

DNA

**12.7 Other adverse effects**

Ozone depletion DNA.

Potential for photochemical ozone formation DNA

AOX DNA

**Additional information**

COD-Value DNA

BOD-Value DNA

**Substances according to regulations 2006/11/EC**

None

**Water endangerment category (Germany)**

Not hazardous to water (nwg), self-classified

**13. Disposal considerations**

**13.1 Waste treatment methods**

**Disposal according to national regulations (European waste catalog/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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**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**

		Land transport ADR/RID	Inland waterway transport ADN	Sea transport IMDG	Air transport ICAO
14.1	<i>UN-number or ID-number</i>	Not classified as hazardous for transport	Not classified as hazardous for transport	Not classified as hazardous for transport	Not classified as hazardous for transport
14.2	<i>UN proper shipping name</i>	-	-	-	-
14.3	<i>Transport hazard class(es)</i>	-	-	-	-
14.4	<i>Packing group</i>	-	-	-	-
14.5	<i>Environmental hazards</i>	-	-	-	-
14.6	<i>Special precautions for user</i>	-	-	-	-
14.7	<i>Maritime transport in bulk according to IMO instruments</i>	-	-	-	-

**15. Regulatory information****15.1 Safety, health and environmental regulations / legislation specific for the substance or mixture****National regulations**

Advice on: N/A  
 Statutory order on hazardous incidents: N/A  
 Technische Anleitung Luft: N/A  
 Water hazard class: not hazardous to water (self-classification)

**Other regulations, restrictions:**

None known

**15.2 Chemical Safety Assessment**

DNA

**16. Other information**

Portland cement (sole component with hazard characteristics)  
 Hazard statements (Regulation (EC) 1272/2008) H318, H315, H335

**Wording of the H-phrases**

H318: Causes serious eye damage.  
 H315: Causes skin irritation.  
 H335 May cause respiratory irritation

**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.

**Customers** industry, private consumers  
**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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**Changes from Version: 0007**

Product name added; typo correction

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.