



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

Page 1 - 7

Date issued: 18.12.2014
Revision Date: 04.08.2022

Version: 0007

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**

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

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 to 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.

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

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

7.1 Precautions for safe handling

Advice on safe handling

See chapter 8



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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 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

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**9.1 Information on basic physical and chemical properties****Physical state:** solid**Colour:** cement-grey**Odour:** Odourless

Melting point: >1000 °C



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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) no data
Kinematic viscosity: no data
Solubility (Water) no data
Partition coefficient (log P_{ow}) 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/m²): ca. 17
Density (g/cm³): 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).

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Carcinogenicity DNA
Mutagenicity DNA
Reproductive toxicity DNA
Chronic Toxicity DNA
Aspiration hazard DNA
Specific target organ toxicity (single exposure) DNA
Specific target organ toxicity (repeated exposure) DNA

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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 Result 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

uncleaned packages

Advice: containers are to be emptied. The containers can be reused.



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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:

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Changes from Version: 0006

Adaptation to regulation (EC) 2022/586 valid from 28.04.2022; Ensuring that the classifications and limit values are up to date;

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.