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

Date issued: 18.12.2014 **Version: 0003**
Revision Date: 12.04.2017

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.

2.1 ***Description of hazards***

Hazards are not expected.

2.2 **Impact on human health**

Hazards are not expected.

2.3 ***Impact on environment***

Water hazard class WGK 1 (self-classification)

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.)*** Portland cement CAS 65 997-15-1 / EC 266-043-4

3.3 ***additional information*** 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.

4.3 ***Skin contact*** Flush immediately with plenty of water and soap. Remove contaminated clothing immediately from skin.

4.4 ***Eye contact*** Irrigate with plenty of water and obtain medical advice.

4.5 ***Ingestion*** Do not induce vomiting. Consult physician immediately.

4.6 ***Information for the physician***

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	Symptoms	N/A
	Hazards	Hazards not expected
	Treatment	symptomatic treatment
4.7	***First aid equipment***	N/A
4.8	***Additional Information***	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

8. Exposure and personal protection

8.1 *exposure limit values according to TRGS 900 (please see transition period)*

CAS-No.	Chemical Name	Limits	Type of Limit
65997-15-1	Portland cement (dust)	5 mg/m³	total inhalable

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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
Eye irritation	Direct contact on mucous membranes may cause irritation of the eyes. Mechanic irritation possible (wear safety glasses).
Skin sensitation	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.

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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

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.

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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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changes in documentation: update of waste catalogue number

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.