

## HEALTH & SAFETY



### KNAUF AQUAPANEL

#### 1. Identification of the substance / preparation and company

##### Substance / preparation

- Knauf Aquapanel

##### Manufacturer

Knauf Dyrwall  
Head Office  
P.O. Box 133  
SITTINGBOURNE  
Kent ME10 3HW

Telephone: (01795) 424499  
Emergency telephone: (01795) 416270

#### 2. Composition/Information on ingredients

Aquapanel is composed of portland cement to BS12, inorganic fillers and binders, reinforced with alkaline resistant glass fibre rovings or mesh. The diameter of the glass fibre is within the range 10-30 microns and do not represent any known health risk to humans.

#### 3. Hazards Identification

Cutting Aquapanel may generate dust. The dust may irritate eyes or sensitive skin, it may irritate the respiratory system.

It is better for the operator to wear non-restrictive clothing, especially avoiding constrictions at the neck and wrist etc. It is recommended that work clothing should be washed separately from other family clothing.

Cement is an alkaline material and could cause dermatological problems in the wet state. People with sensitive skin or a history of dermatitis should wear suitable gloves or barrier creams.

#### 4. First Aid Measures

Inhalation:	Remove the person to fresh air.
Skin contact:	Rinse skin with running water, then wash with water and soap.
Eye contact:	Irrigate with plenty of water and obtain medical advice.
Ingestion:	Wash mouth out and drink plenty of water.

*Please Note: Should any symptoms persist obtain medical assistance*

#### 5. Fire-fighting Measures

This product is not flammable and will not facilitate combustion with other materials.

#### 6. Accidental release measures

The formation of dust should be controlled and suppressed, collect released dust and put into bags.

Prevent the product from contaminating drains and watercourses.

*(Refer to section 8 – Exposure/Protection and section 13 – Disposal Considerations).*

#### 7. Handling and Storage

Knauf Aquapanel is supplied shrink wrapped or with cardboard covers on pallets. Packs should be lifted with a fork lift truck, the forks being set so there is an even weight distribution and no deformation of the pack. Ensure handling equipment is of adequate capacity and that the personnel are advised of handling procedures and safety clothing. Care should be taken at all times to avoid strain to the handlers. Boards should not be lifted at the short edges or carried horizontally. Carry the boards on the edge, two persons per board by supporting one long edge and gripping upper edge to avoid breaking due to flexing.

Knauf Aquapanel must be stored flat in a clean dry environment on a flat surface. If timber bearers are used to store boards on site, they should be a minimum 40mm wide and placed at maximum 450mm centres.

*Note: If handling manually, consider risks as required by manual handling operations regulations 1992.*

Knauf Aquapanel is not designed to support body weight. Fixers should work from an independent support system.

#### 8. Exposure controls/personal protection

##### Occupational exposure limits

Substance	Total inhalable	Total respirable
Cement	10mg/m <sup>3</sup>	4mg/m <sup>3</sup>
MMMMF	5mg/m <sup>3</sup> (MEL)	

Note: 8 hour TWA reference period.

The machine made mineral fibres (MMMMF) used in Aquapanel are non-respirable.

## HEALTH & SAFETY

---



### Personal Protection

Respiratory:	Control dust formation and ventilate the area of work. If dust can not be controlled wear a half face mask to EN 149 Class FFP1S.
Hand:	Protective gloves can be worn or a barrier of cream to the hands can be applied to reduce the effect of hand contact.
Eye:	If dust is likely to occur, safety goggles to BS EN 166 2A 5 are recommended.
Skin:	To avoid skin contact wear protective overalls, footwear and gloves.

### 9. Physical and chemical properties

Aquapanel contains quantities of fibre glass strands or mess as reinforcement.

The surface of the boards may allow an alkaline residue in the presence of moisture.

*(Refer to section 2 – Composition/Information on Ingredients)*

### 10. Stability and reactivity

Avoid contact with strong acids.

### 11. Toxicological information

Inhalation:	Dust can cause short term irritation to the respiratory system, long term possibly asthma.
Skin contact:	Prolonged or repeated contact may cause dry skin leading to irritation.
Eye contact:	Short term irritation can be experienced due to dust formation.
Ingestion:	Wash mouth out and drink plenty of water.

### 12. Ecological information

Not applicable.

### 13. Disposal Considerations

Can be disposed of at an authorised landfill site in accordance with local or national regulations.

### 14. Transport Information

Not classified as hazardous for transport.

### 15. Regulatory Information

Products are not classified as hazardous under:

Occupational Exposure Limits EH40, (reviewed and reprinted annually).

Control of Substances Hazardous to Health (COSHH) Regulations 2002.

### 16. Other Information

This product should be used as directed by Knauf. For further information consult the technical department.

An on-site risk assessment should be carried out before use.

This safety data sheet:

- supersedes all previous issues and users are cautioned to ensure it is current. Destroy all previous data sheets, and if in any doubt, contact Knauf, quoting the date in the top right hand corner of this document.
- does not replace the users own workplace risk assessment.
- was compiled using the current safety information supplied by the distributors of the component materials.
- is based on the present state of our knowledge and is intended to describe the products from the point of view of health and safety requirement. It should not be construed as guaranteeing specific properties.