

## HEALTH & SAFETY

### KNAUF AQUAPANEL JOINT ADHESIVE

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

##### Substance / preparation

- Knauf Aquapanel Joint Adhesive

##### Manufacturer

Knauf  
Kemsley Fields Business Park  
Sittingbourne  
Kent  
ME9 8SR

Telephone: (01795) 424499  
Emergency telephone: 01795 416270

#### 2. Hazards Identification

Irritating to eyes, respiratory system and skin. May cause sensitisation by inhalation and skin contact.

#### 3. Composition/Information on ingredients

This product is a preparation. It is a solution of diphenylmethane di-isocyanate, isomers and homologues and specific components.

#### 4. First Aid Measures

General Information: Remove contaminated, soaked clothing immediately and dispose of safely. Poisonous symptoms can first be observed after several hours, therefore medical observation for at least 48 hours is necessary.

Inhalation:	Remove the person to fresh air. When vapours are inhaled, poisonous symptoms can first be observed after several hours, therefore it is essential to consult a doctor.
Skin contact:	Rinse skin with running water, then wash with water and soap. If any problems persist seek medical advice.
Eye contact:	Irrigate immediately with plenty of water and obtain medical advice.
Ingestion:	Do not induce vomiting. Seek medical advice immediately.

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

#### 5. Fire-fighting Measures

Suitable extinguishing media: water spray jet, foam, carbon dioxide, dry powder.

#### 6. Accidental release measures

In the event of fire: carbon dioxide, carbon monoxide. Risk of formation of toxic pyrolysis products.

Prevent the product from contaminating drains, surface water and watercourses.

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

#### 7. Handling and Storage

Avoid frequent or prolonged contact with the skin.

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

Keep container tightly closed in a cool, well-ventilated place, open and handle carefully. Protect container from direct sunlight. Keep away from sources of ignition. Do not store with explosive matter and oxidising agents. Do not keep at temperatures above 50°C and below 0 °C. Keep out of the reach of children.

#### 8. Exposure controls/personal protection

##### Personal Protection

Respiratory:	Ensure adequate ventilation. Avoid formation of vapours/aerosols.
Hand:	Open & handle container with care. Wear protective gloves. Suitable: butyl rubber. After work use barrier hand cream.
Eye:	Safety goggles to BS EN 166 2A 5 are recommended.
Skin:	To avoid skin contact wear protective overalls, footwear and gloves. Remove contaminated clothing quickly. Avoid drying on the skin absolutely. Affected skin areas must be thoroughly cleaned.

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### 9. Physical and chemical properties

Physical State: Liquid

Colour: Beige

Odour: Slight, characteristic

pH: n/a

Boiling Point: n/a

Melting Point: n/a

Specific Weight: 1.7kg/l

### 10. Stability and reactivity

Containers are liable to burst if temperature rises. Exothermic reaction with amines and alcohols. Under normal conditions diphenylmethane di-isocyanate reacts slowly with water, with evolution of carbon dioxide. (formation of excessive pressure in sealed containers).

### 11. Toxicological information

Inhalation: May cause sensitisation. May cause allergic reactions in sensitive persons. Such persons should avoid further contact.

Skin contact: May have irritant effect on skin and sensitisation.

Eye contact: Irritation can be experienced.

Ingestion: Do not induce vomiting. Seek medical advice immediately

### 12. Ecological information

This product is classified as low hazardous to water. Under normal conditions diphenylmethane di-isocyanate reacts slowly with water, with evolution of carbon dioxide and formation of solid polyurea (insoluble, not biodegradable and not acute toxic). Ozone Depletion Potential = 0.

### 13. Disposal Considerations

Pick up with suitable absorbent material (e.g. sand, sawdust, universal binder). Allow waste material to react for several days. Cover container, but do not close container due to possible evolution of carbon dioxide. Send in suitable containers for disposal.

### 14. Transport Information

Not classified as hazardous for transport.

### 15. Regulatory Information

Products are classified as harmful in accordance with EC Directive 199/45/EC.

Harmful components: Diphenylmethane di-isocyanate, isomers and homologues.

The normal safety precautions for handling chemicals must be observed.

### 16. Other Information

This product should be used as directed by Knauf Drywall. 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 Drywall, 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.