

1. Product and company identification

Product name /names: tgbond

Manufacturer : **Technical & General Ltd**
2 Albion Place
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United Kingdom
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2. Composition / Information on ingredients

Contains aromatic dimethacrylate, polyol- mono-, dimethacrylate, polycarboxylic polymethacrylate.
common chemical name / Generic name:
Aqueous preparation of acrylic resin.

3. Hazards identification

None if handled according to directions.
Irritating to eyes, respiratory system and skin. May cause sensitization by skin contact.

4. First aid measurers

Eye contact: Rinse with soap and water, consult a physician.
Skin contact: Wash immediately with soap and water.
Ingestion: Immediately seek medical advice.
Inhalation : In case of prolonged exposure take patient to open air.

5. Fire - fighting measurers

Not Flammable
Suitable extinguishing media: Powder, foam, carbon dioxide, sand, water sphy.
Extinguishing media to avoid: Do not use direct water stream, wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.
Further information: Irritating gases may form upon combustion

6. Accidental Release Measures

Personal precautions: Use only in well-ventilated areas.
Environmental precautions: Do not empty into drains.
Cleaning up methods: Take up mechanically with inner fluid-binding material.

7. Handling and Storage

Handling: Keep container tightly closed.
Wear suitable gloves. Avoid contact with skin and eyes.
Storage: Keep in dark, cool place. Keep container tightly closed.

8. Exposure Controls and Personal Protection

Respiratory protection:	Do not breath vapour.
Hand and skin protection:	Rubber gloves.
Eye protection:	Goggles.
Hygiene measures:	When using do not eat or drink.

9. Physical and Chemical Properties

Appearance :	Yellow liquid
Odour:	esterlike, weak
PH-Value:	ca.3,5
Boiling temperature:	ca. 100 °C (water)
Flashpoint:	> 100 °C
Ignition temperature:	< 23 mbar / 20 °C (water)
Explosion properties:	ca. 1.1g/cm ³
Vapour pressure	not established
Relative vapour density:	> 1 (methacrylates)
Solubility in water:	ca. 50%
Density:	ca. 20 mbar/23 °C

10. Stability & Reactivity

Stability :	Stable. Avoid heat, sparks & flames.
Materials to avoid :	Free radicals, reducing agents, heavy metal ions.
Hazardous reactions:	None, if handled and stored according to directions.

11. Toxicological Information

Health Warning :	
Skin:	Irritating on prolonged exposure.
Eyes:	Irritating.
Specific effect:	Allergic reaction to methacrylates are possible.

12. Ecological Information

Do not discharge into drains or the environment.	
Persistence and degradability:	Up to 50 % biologically degradable.
Ecotoxicity:	Fish toxicity LC>360 mg / l / 48h

13 Disposal Considerations

Disposal Methods :	Use proper landfill disposal or incineration in accordance with local, state and federal regulation.
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14. Transport Information

Road / Rail :	No special precautions
Hazard Class (ADR)	None
Sea :	No special precautions
Air :	No special precautions

15. Regulatory Information

Labelling according intl. Regulations:	Xi, Irritant. Contains methacrylic ester.
Symbols of danger:	St Andrew's cross.
R-Phrases:	36/37/38 - 43 May cause sensitization by skin contact.
S-Phrases:	26 - 28 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Note: This information is believed to be correct as of the date of this MSDS. The manufacturer makes no representation as to the completeness or accuracy of this information and supplies it on the condition that the person receiving it will make their own determination as to its suitability for their purposes prior to use. In no event will the manufacturer be responsible for damages of any nature whatsoever resulting from the use of or reliance upon the information contained herein.