

1. Product and company identification	
Product name /names:	<p>tgresicem Dual Cure Resin Cement</p>
Manufacturer :	<p>Technical & General Ltd 2 Albion Place London W6 0QT United Kingdom Tel: 020 8834 7575 Fax: 020 8834 7570 www.dentistmarket.com www.tgdent.com</p>
2. Composition / Information on ingredients	
	<p>Dimethacrylates common chemical name / Generic name: Dual Cure Resin Cement (Acrylic resin, Glass powder & silica)</p>
3. Hazards identification	
	<p>None if handled according to directions. Irritating to eyes, respiratory system and skin.</p>
4. First aid measurers	
Eye contact:	Rinse with plenty of 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	
	<p>Not Flammable Suitable extinguishing media: Powder, foam, carbon dioxide, sand, water spray. Extinguishing media to avoid: Do not use direct water jet stream, wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.</p>
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:	<p>Keep container tightly closed. Wear suitable gloves. Avoid contact with skin and eyes.</p>
Storage:	Keep in dark, cool place. Keep container tightly closed.
Recommended packaging:	Container of solvent-stable plastics.

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 :	Slightly yellowish paste
Odour:	esterlike, weak
PH-Value:	ca. 2.6
Decomposition temperature:	> 70 °C
Flashpoint:	> 140 °C
Explosion properties:	not established
Vapour pressure	< 1 mbar / 20 °C
Relative vapour density:	> 1
Solubility in water:	<4/% at 20 °C
Density:	ca. 1.9 g/cm ³

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. Polymerizes on heating, Avoid direct light.

11. Toxicological Information

Acute oral toxicity:	LD ₅₀ (Rate) > 5000 mg/Kg
Skin:	Irritating on prolonged exposure.
Eyes:	Irritating and may cause serious damage.
Specific effect:	Allergic reaction to methacrylates are possible.

12. Ecological Information

Do not discharge into drains or the environment.	
Persistence and degradability:	No data available for the preparation.

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
Sea : No special precautions
Air : No special precautions

15. Regulatory Information

Labelling according intl. Regulations: Xn. harmful. Contains methacrylic ester.

Symbols of danger: St Andrew's cross.

R-Phrases: 20/21/22 - 36/37/38 - 41

Harmful by inhalation, in contact with skin and if swallowed.

Irritating to eyes, respiratory system and skin.

Risk of serious damage to eyes

S-Phrases: 24/25 - 26 - 28 - 37/39

Avoid contact with skin and eyes.

In case of contact with eyes rinse immediately with plenty of water and seek medical advice.

After contact with skin wash immediately with plenty of water and soap.

Wear suitable gloves and eye/face protection

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.

