

1. Product and company identification Product name /names: tgfineglass; Fine Glass Composite Manufacturer : 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
2. Composition / Information on ingredients Contains urethane dimethacrylate, aliphatic dimethacrylate, aromatic dimethacrylate. common chemical name / Generic name: preparation of acrylic resin, glass powder and silica.
3. Hazards identification None if handled according to directions. Irritating to eyes, respiratory system and skin.
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 Not Flammable Suitable extinguishing media: Powder, foam, carbon dioxide, sand, water spry. 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.
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. 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:	not applicable
Decomposition temperature:	> ca. 200 °C (water)
Flashpoint:	> 150 °C
Explosion properties:	not established
Vapour pressure	< 1 mbar / 20 °C
Relative vapour density:	> 1
Solubility in water:	ca. 1g / l / 20 °C
Density:	ca. 1.8 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.
Cures on exposure to visible or UV-light.	
11. Toxicological Information	
Acute oral toxicity:	LD50 (Ratte) > 5000 mg/Kg
Skin:	Irritating on prolonged exposure.
Eyes:	Irritating on prolonged exposure.
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.
Ecotoxicity:	
13 Disposal Considerations	
Disposal Methods : Use proper landfill disposal or incineration in accordance with local, state and federal regulation.	

14. Transport Information

Road / Rail : No special precautions

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.

The data given here is based on current knowledge and experience.

The data does not signify any warranty with regard to the product's properties.