

Material Safety Data Sheet

Ref: GI RES

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Date of Issue: 01.07.04 Version: 1

1. Product and company identification

Product name /names: tgestoglass (Powder)

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

Quarz and Glass ionomers
common chemical name / Generic name:
Glassionomer Restorative

3. Hazards identification

N/A

4. First aid measurers.

Eye contact: Rinse opened eye for several minutes under running water.
Skin contact: N/A
After Swallowing: Rise mouth with water . Seek medical advice.
Inhalation : Move into fresh air. If you feel unwell, seek medical advice.

5. Fire - fighting measurers.

Not Flammable
Suitable extinguishing media: Dry Chemical powder, foam, carbon dioxide.
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: Avoid formation of dust.
Environmental precautions: Do not allow to enter sewer/ surface or ground water.
Cleaning up methods: Take up mechanically with inner fluid material. Neutralise

7. Handling and Storage :

Handling: Products is intended for dental use only. Prevent formation of dust. Observe normal care for working with chemical.
Storage: Keep away from high temperatures. Protect from humidity and water.

8. Exposure Controls and Personal Protection.

Respiratory protection: Not required
Protective Gloves : Use suitable latex type gloves when prolonged or repeated contact.
Do not rub eyes following use of wipes, and use protective eyewear.
Other protection : Safety glasses. Protective work clothing.

9. Physical and Chemical Properties.

Appearance : Powder yellowish acidic
Odour/taste None / Acidic
PH-Value: 2.5 - 4.8
Boiling temperature: >100 °C (Water)
Flashpoint: N/A
Ignition temperature: N/A
Explosion properties: N/A
Vapour pressure N/A
Relative vapour density: N/A
Solubility in water: Insoluble
Solids content: 100%

10. Stability & Reactivity.

Stability : Stable. Avoid heat, sparks & flames.
Materials to avoid : No Dangerous decomposition products known.

11. Toxicological Information :

Health Warning :
Skin: N/A
Eyes: Irritating effect.
Sensitisation: No sensitisation effects known.

12. Ecological Information :

Do not discharge into drains or the environment.

13 Disposal Considerations :

Disposal Methods : Incinerate in suitable combustion chamber or dispose to an authorised waste collection point or use proper landfill disposal.

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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: The product is not subject to identification regulation under EU directives.

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.

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Date of Issue: 01.07.04 Version: 1

1. Product and company identification

Product name /names: tgestoglass (Liquid)

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

Polyacryls
common chemical name / Generic name:
Glassionomer Cement Liquid

3. Hazards identification

Not applicable

4. First aid measurers.

Eye contact: Rinse opened eye for several minutes under running water.
Skin contact: Wash immediately with soap and water.
After Swallowing: Drink two glasses of water or milk.
Inhalation : Move into fresh air. If you feel unwell, seek medical advice.

5. Fire - fighting measurers.

Not Flammable
Suitable extinguishing media: Dry Chemical powder, foam, carbon dioxide.
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: Avoid formation of dust.
Environmental precautions: Do not allow to enter sewer/ surface or ground water.
Cleaning up methods: Take up mechanically with inner fluid material. Neutralise

7. Handling and Storage :

Handling: Products is intended for dental use only. Prevent formation of dust. Observe normal care for working with chemical.
Storage: Keep away from high temperatures. Protect from humidity and water.

8. Exposure Controls and Personal Protection.

Respiratory protection: Not required
Protective Gloves : Use suitable latex type gloves when prolonged or repeated contact.
Do not rub eyes following use of wipes, and use protective eyewear.
Other protection : Safety glasses. Protective work clothing.

9. Physical and Chemical Properties.

Appearance : Liquid colourless acidic
Odour/taste None / Acidic
PH-Value: 2
Boiling temperature: undetermined
Flashpoint: Not applicable
Ignition temperature: product is not self-giving.
Explosion properties: product does not present an explosion hazard
Vapour pressure 23h Pa
Relative vapour density: N/A

Density: Not determined

10. Stability & Reactivity.

Stability : Stable. Avoid heat, sparks & flames.
Materials to avoid : No Dangerous decomposition products known.

11. Toxicological Information :

Health Warning :
Skin: Irritant to skin and mucous membrane.
Eyes: Irritating effect.
Sensitisation: No sensitisation effects known.

12. Ecological Information :

Water hazardous class 1: slightly hazardous for water. Do not allow large quantities to reach ground water.

13 Disposal Considerations :

Disposal Methods : Incinerate in suitable combustion chamber or dispose to an authorised waste collection point or use proper landfill disposal.

14. Transport Information :

Road / Rail :	No special precautions
Sea :	No special precautions
Air :	No special precautions

15. Regulatory Information :

Labelling according intl. Regulations: The product is not subject to identification regulation under EU directives.

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

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Material Safety Data Sheet

Ref: VL 01

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1. Product and company identification

Product name /names: **tg**Varnish

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

ethyl acetates
common chemical name / Generic name:
Varnish

3. Hazards identification

Xi Irritant, R36.
F Highly flammable , R11.
R67 Vapour may cause drowsiness and dizziness.

4. First aid measurers.

Eye contact: Rinse opened eye for several minutes under running water.
Skin contact: Wash immediately with soap and water.
After Swallowing: Call medical help immediately.
Inhalation : Move into fresh air. If you feel unwell, seek medical advice.

5. Fire - fighting measurers.

Suitable extinguishing media: Dry Chemical powder, foam, carbon dioxide.
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: Keep away from ignition sources.
Environmental precautions: Do not allow to enter sewer/ surface or ground water.
Cleaning up methods: Do not flush with water or aqueous cleaning agents.

7. Handling and Storage :

Handling: Products is intended for dental use only. Prevent formation of dust. Observe normal care for working with chemical.
Storage: Keep away from high temperatures. Protect from humidity and water.

8. Exposure Controls and Personal Protection.

Respiratory protection: Keep away from foodstuffs, beverages and feed.
Protective Gloves : Use suitable latex type gloves when prolonged or repeated contact.
Do not rub eyes following use of wipes, and use protective eyewear.
Other protection : Safety glasses. Protective work clothing.

9. Physical and Chemical Properties.

Appearance : Liquid colourless Ester-like
Odour/taste Ester-Like
Organic Solvents: 90.00%
Boiling temperature: 75 C
Flashpoint: - 1 C
Ignition temperature: 455 C
Explosion properties: Lower 2.1 Vol %, 11.5 Vol %
Vapour pressure 97h Pa
Relative vapour density: N/A
Solubility in water: Not miscible or difficult to mix
Density: Not determined

10. Stability & Reactivity.

Stability : Stable. Avoid heat, sparks & flames.
Materials to avoid : Ethanoic acid, Ethanol.

11. Toxicological Information :

Health Warning :
Skin: No Irritant effect.
Eyes: Irritating effect.
Sensitisation: No sensitisation effects known.

12. Ecological Information :

Water hazardous class 1: slightly hazardous for water. Do not allow large quantities to reach ground water.

13 Disposal Considerations :

Disposal Methods : Incinerate in suitable combustion chamber or dispose to an authorised waste collection point or use proper landfill disposal.

14. Transport Information :

Road / Rail :	Danger code : 33, Flammable Liquids, UN-Number : 1993, Hazard Label : 3.
Sea :	IMDG: 3, UN-Number: 1993, Label: 3, Marine Pollutant: No. EMS Number: F-S, S-D.
Air :	ICTO: 3, UN-Number: 1993, Label: 3.

15. Regulatory Information :

Labelling according intl. Regulations: The product has been classified and marked in accordance with EU Directives on Hazardous Materials

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