

Material Safety Data Sheet

INSTRUCTIONS FOR USE

MSDS

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name:

QUIKGlaze™ Provisional Glaze and Bonding Agent

Supplier:

All Dental PRODX, LLC., 317 Nectar Ave., Galloway, NJ 08205
877-64-PRODX (877-647-7639)

2. COMPOSITION / INFORMATION ON INGREDIENTS

Common chemical name / Generic name:

Preparation of acrylic resin.
Contains methyl methacrylate.

3. HAZARDS IDENTIFICATION

Highly inflammable
Irritating to eyes, respiratory system and skin.
May cause sensitization by skin contact.

4. FIRST-AID MEASURES

In case of inhalation: Take patient to open air. Let sit down calmly.
In case of skin contact: Wash with soap and water.
In case of eye contact: Immediately rinse with plenty of water, consult a physician.
In case of ingestion: Immediately seek medical advice.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Powder, sand, foam, carbon dioxide.
Not suitable extinguishing media: direct jet of water.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Local exhaust.
Environmental precautions: Do not empty into drains.
Methods for cleaning up: Take up mechanically, with inert fluid-binding material.

7. HANDLING AND STORAGE

Handling:
Technical measures: Keep away from sources of ignition – No smoking. Take precautionary measures against static discharges. Keep container in a well-ventilated place.
Safe handling advice: Wear suitable gloves. Avoid contact with eyes.
Storage:
Technical measures: Keep container in a well-ventilated place.
Storage conditions: Keep container tightly closed. Keep in a dark, cool place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering measures: Use only in well-ventilated areas.
Limit values: MAK-TLC-Value (for MMA): 210mg/m³; 50 ml/m³.
Schwangerschaftsgruppe C.
Personal protective equipment:
Respiratory protection: Do not breathe vapour. Breathing mask filter type A.
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 liquid
Odour: Esterlike
pH-value: Not applicable
Changes in physical state:
Decomposition temperature: > ca. 100 °C
Flashpoint: > 10 °C
Ignition temperature: > 430 °C
Explosion properties: 2,1 - 12,5 Vol %
Vapour pressure: 40 mbar / 20 °C
Rel. vapour density: > 1
Density: ca. 1.1 g/cm³
Solubility in water: ca. 16 g/1/20 °C

10. STABILITY AND REACTIVITY

Thermal decomposition: at ca. 100 °C
No decomposition, if handled according to directions.



QuikGlaze™

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5 ml liquid, brushes, mixing well

Re-order #200130

Hazardous reactions: None, if handled and stored according to directions.
Conditions to avoid: Heat, light.
Materials to avoid: Free radicals, reducing agents, heavy metal ions.
Hazardous decomposition products: In case of fire acrid acrylic fumes. Cures on exposure to visible or UV-light.

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity: LD₅₀ (rat) > 8000 mg/kg (MMA); >5000 mg/kg (acrylate).
Irritation of skin: Irritating on prolonged exposure.
Irritation of eye: Reddening. Irritating on prolonged exposure.
Specific effects: Allergic reactions to methacrylates are possible. Sensitization tests are reported contradictory in the literature.

12. ECOLOGICAL INFORMATION

Do not discharge into drains or the environment.
Persistence and degradability: No data available for the preparation. Degradability of components from ca 30% (MMA) to 98%. Classification according to OECD: Not easily degradable, but potential biologically degradable.
Ecotoxicity: Fish toxicity LC₅₀ >350 mg/1/48h (MMA).

13. DISPOSAL CONSIDERATIONS

Waste from residues: Use proper landfill disposal or incineration in accordance with local, state and federal regulations.

14. TRANSPORT INFORMATION

Regulations for land (road/railroad): GGVS: Class 3, No 3 b ; ADR: Class 3, No 3 b; GGVE: Class 3, No 3 b; RID: Class 3, No 3 b
Regulations for inland waterways: ADNR: Class 3, No 1a, category K1n
Regulations for sea: IMDG/GGV See-Code: Class 3.2; EmS: 3-07; MFAG: 330
Regulations for air: ICAO/IATA-DGR: Class 3
UN-number: 1247

15. REGULATORY INFORMATION

Labeling according international regulations: Contains methyl methacrylate. Xi, Irritant; F, Highly inflammable.
Symbols of danger: St Andrew's cross; flame symbol.
R-Phrases: 11 -36/37/38 - 43
Highly flammable. Irritating to eyes, respiratory system and skin. May cause sensitization by skin contact.
S-Phrases: 9 - 16 - 26 - 28 - 29
Keep container in a well-ventilated place. Keep away from sources of ignition - No smoking. 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. Do not empty into drains.
VbF-class: A 1

16. OTHER INFORMATION

None.

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.



Light-cured Sealant and Bonding Agent for All Provisionals

The original light-cured varnish and repair material indicated for any and all provisional restorations. Designed to glaze and protect provisional crowns and bridges, custom trays and orthodontic devices.

Multifunctional QuikGlaze is also a bonding agent for repairs or add-ons and is indicated for use with any and all provisional materials, including lab-prepared temporaries.

Bonds to pre-fabricated polycarbonate or polyacetate teeth and foils.

Compatibility: Any and all provisional materials including composites used for temporization
Any lab-prepared provisional

Contraindications: Known allergies to components of QuikGlaze (especially methyl methacrylate).

Important Notes: Close bottle immediately after each use.
Store in a cool, dry place. Do not store above 77°F. Avoid freezing. Do not use after expiration date.
Cannot be used as a dentin or enamel adhesive

Light-Curing: When using a light oven, cover the whole restoration with QuikGlaze and cure for 90-180 seconds.

Contents: Multifunctional acrylates, methyl methacrylate, catalyst, stabilizers, additives

Warranty: All Dental PRODX accepts no liability for loss or damage, direct, consequential or otherwise, arising out of the use of or the inability to use the product here described. Before use, practitioner shall determine the suitability of the product for its intended use and assumes all risk and liability in connection with use. All Dental PRODX will replace defective material. **This warranty is in lieu of all other warranties, express or implied.**

Directions for bonding to repair provisional:

1. Using a bur, rough up surface to be repaired.
2. Apply a thin layer of QuikGlaze to the prepared surface.
3. Light cure the material for 20 sec per unit using a halogen or LED light.
4. Apply a fresh mix of temporary material or light cure composite material for repair onto surface.
5. Cure according to manufacturer instructions.

Directions for sealing provisional surface:

1. Apply a thin layer with a fine brush.
2. Let it seep in for 20 seconds.
3. Begin light curing within next 20 seconds.
4. Light cure unit by unit for 20-40 seconds.