

# 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., P. O. Box 657, Cape May Court House, NJ 08210

### 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/m<sup>3</sup>; 50 ml/m<sup>3</sup>.

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/cm<sup>3</sup>

**Solubility in water:** ca. 16 g/l/20 °C

### 10. STABILITY AND REACTIVITY

**Thermal decomposition:** at ca. 100 °C

No decomposition, if handled according to directions.

**Hazardous reactions:** None, if handled and stored according to directions.



Quik Glaze™

877-64-PRODX 609-545-0025

www.alldentalprodx.com

5 ml liquid, brushes, mixing well

Re-order #200130

**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:** LD<sub>50</sub> (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 LC<sub>50</sub> >350 mg/l/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:** ADN: 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

**Important Notes:** Close bottle immediately after each use.  
Store in a cool, dry place. Do not store above 78°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.  
When using a hand held halogen light, glaze and cure unit by unit for 20-40 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.**

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### Directions for bonding to repair provisional:

1. Using a bur, rough up surface to be repaired.
2. Apply QuikGlaze and let seep in for 20 seconds.
3. Light cure with a halogen light for 30 seconds if using light-cured repair material. Light cure for 60 seconds if using chemically cured repair material.
4. Dispense a fresh mix of temporary material or composite material for repair onto surface.
5. Cure according to manufacturer instructions.

### Directions for sealing provisional surface:

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

#### Note:

You can freely mix QuikGlaze original with QuikGlaze Temp White to add a whitener and brightener for better esthetics. QuikGlaze Temp White can take the shade of temporary material up a full 2 shades.