

## SECTION X: STABILITY & REACTIVITY

*Incompatibility with Other Substances:* Unstable by heat, direct sunlight, and radical starters. Polymerization possible in presence of heat, light, radical starters such as peroxides, reducing agents, etc. Do not use various plastics or rubber as working materials.

*Hazardous Decomposition Products:* None by proper use.

## SECTION XI: TOXICOLOGICAL INFORMATION

### *Acute Toxicity:*

LD<sub>50</sub> (oral/rat): 7900mg/kg

LD<sub>50</sub> (inhalation/rat): 78000mg/kg (4h)

### PRIMARY IRRITATION

*Skin:* Irritations; risk of skin sensitivity.

*Eye:* Irritations

*Inhalation:* Irritations of the mucous membranes, coughing, and dyspnoea.

*Ingestion:* Irritations of the mucous membranes in the mouth, pharynx, esophagus, and gastrointestinal tract.

*After absorption of toxic quantities:* CNS disorders. Toxic effects on liver and kidneys.

*Sensitization of Product:* Observed in some cases. Allergic reactions are possible.

### *Additional Toxicological Information:*

As with any chemical, handle with extreme care.

## SECTION XII: ECOLOGICAL INFORMATION

### GENERAL INFORMATION

*Deigrance:* N.D.

*Fish Toxicity:* N.D.

*Classification of Water Endangerment:* 1 (self-estimation)

*Additional Information:* Avoid penetration of ground waters and canalization.

## SECTION XIII: DISPOSAL CONSIDERATION

*Recommendation:* Use proper landfill disposal in accordance with Local, State, and Federal regulations.

*Disposal Key Number:* 55373 (other non-halogenous solvents)

*Uncleaned Packaging:* Dispose in compliance with official regulations. Handle contaminated packaging in the same way as the substance itself. If not officially specified differently, non-contaminated packaging may be treated like household waste or recycled.

## SECTION XIV: TRANSPORT INFORMATION

**IMPORTANT NOTE:** Due to the extreme flammability of this product it must be transported by land only, in protective packaging, and packed separately from other food and products.

*Land Transport Hazard Class:* 3

*Shipping Symbol:* Flammable

*Packaging Group:* 2

*Name of Material Contained in this Product:* METHYL METHACRYLATE, MONOMER, STABILISIERT

## SECTION XV: REGULATORY INFORMATION

Classification:	F	Highly Flammable
	X <sub>i</sub>	Irritant
	R11	Highly Flammable
	R36/37/38	Irritating to eyes, respiratory system, and skin.
	R43	May cause sensitivity with skin contact.
	S9	Keep container in well-ventilated place.
	S16	Keep away from sources of ignition. Don't smoke.
	S29	Do not empty into drains.
	S33	Prevent electrostatic charge.

*National Prescriptions:* None

*Classification according to IATA's Dangerous Goods Regulations:* A1

## SECTION XVI: OTHER INFORMATION

The above information is based on our present day knowledge and relates solely to the safety requirements of the product. The data does not signify any warranty with regards to products properties. However, users of the product should satisfy themselves that the information given is sufficient and correct for their specific circumstances of use.

N.D. = Not Determined

**CAUTION:** Federal law restricts this device to sale by or on the order of a dentist.

Clinician's Choice™ Dental Products Inc. does not accept liability for any loss or damage, direct or consequential, arising out of the use of or the inability to use these products. Before using, the user shall determine the suitability of the product(s) for its intended use and the user assumes all risk and liability whatsoever in connection therewith.

For questions or comments, please call:

CLINICIAN'S  
CHOICE™  
DENTAL PRODUCTS INC.

London, ON, Canada • Brookfield, CT, USA  
1-800-265-3444 • Phone: 519-641-3066 • Fax: 519-641-3083

# Temp glaze™

Manufactured by:

CLINICIAN'S  
CHOICE™  
DENTAL PRODUCTS INC.

Brookfield, CT, USA • London, ON, Canada

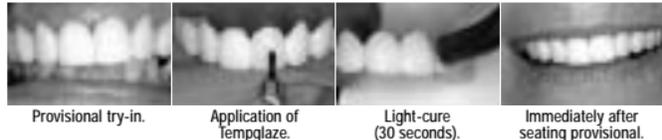
1-800-265-3444

# Temp glaze™

## INSTRUCTIONS

1. Apply a thin layer of Tempglaze™ with a Multi-Brush.
2. Air thin.
3. Light-cure (30 seconds per surface). After light-curing, slight to no polishing is required. The surface shines with a high gloss.

PLEASE NOTE: Two coats of Tempglaze may be necessary in some cases.



DENTISTRY AND PHOTOS COURTESY OF  
ROBERT HANDELS, DDS

## MATERIAL SAFETY DATA SHEET

Date of Issue: May 29, 2001

### SECTION I: MATERIAL IDENTIFICATION & INFORMATION

**Trade Name:** TEMPGLAZE

**Product Use:** Sealing and finishing of temporary crowns and bridges, full or partial dentures, orthodontic devices, and light-cure custom trays.

**Manufacturer/Supplier:** CLINICIAN'S CHOICE™ Dental Products, Inc.,  
1120 Federal Road, Brookfield, CT, 06804

**Emergency Information:** For emergencies or product information,  
please call 1-800-265-3444 (519-641-3066)

### SECTION II: COMPOSITION/INFORMATION OF INGREDIENTS

**Chemical Description:** Light-cured varnish based on multi-functional Methacrylates and Methyl Methacrylate.

CAS-Nr.:      Name:                      R-classification:  
80-62-6      Methyl Methacrylate      R 11-36/37/38-43

### SECTION III: HAZARDS IDENTIFICATION

**Risk Identification:** F Highly Flammable

**Special Risks for Human Beings and Environment:**

X<sub>i</sub> Irritating to eyes, respiratory system, and skin. May cause sensitivity with skin contact.



### SECTION IV: FIRST-AID MEASURES

**General Information:** If symptoms occur which are obviously caused by the product, medical advice is necessary.

**After Inhalation:** Fresh Air

**After Skin Contact:** Wash with plenty of water and soap. Remove contaminated clothing.

**After Eye Contact:** Rinse with plenty of water keeping the eyelid open.  
Consult an eye specialist.

**After Swallowing:** Make victim drink plenty of water. Induce vomiting. Seek medical advice immediately. Keep airways free.

### SECTION V: FIRE FIGHTING MEASURES

**Extinguishing Media:** CO<sub>2</sub>, Foam, Powder

**Protective Equipment:** Do not stay in dangerous zone without suitable chemical protection clothing and self-contained breathing apparatus.

### SECTION VI: ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Do not inhale vapors/aerosols. Avoid substance contact. Ensure supply of fresh air in enclosed rooms.

**Environmental Precautions:** Observe local bylaws. Do not allow TEMPGLAZE to enter sewer system; risk of explosion.

**Methods for Cleaning Up:** Wipe up with liquid absorbent cloth (while wearing gloves).

**Additional Information:** –

### SECTION VII: HANDLING & STORAGE

**Handling:** –

**Handling Procedures:** Environment of fresh air is recommended.

**Recommendation for Fire and Explosion Protection:** No smoking. Keep away from sources of ignition. Take measures to prevent electrostatic charge.

**Storage:** Ensure lid is sealed tightly, and store in a dry and cool place (15-25°C/60-78°F). Store away from food.

**Requirements in Storerooms and Containers:** Store in cool, dry place, and protect material from any sources of light.

**Requirements for Storage with Other Products:** Store away from any highly flammable substances.

**Additional Storage Conditions:** –

**Storage Classification:** 3 A

**Classification for Combustible Liquids:** Group A, Class I

### SECTION VIII: EXPOSURE CONTROLS/PERSONAL PROTECTION

**Additional Information for Technical Plants:** –

**Components with Limits of Values to be Supervised at the Workplace:**

CAS-No.	Name:	Art:	Value:	Unit:
80-62-6	Methyl Methacrylate	MAK	50 or 210	ml/m <sup>3</sup> mg/m <sup>3</sup>
		Pregnancy:	Group C	

**Additional Information:** –

**Personal Protective Equipment:** Required when vapors/aerosols are generated. **General Measures of Protection and Hygiene:** Avoid contact with eyes and skin, utilize normal hygienic measures.

**Respiration:** Avoid respiration.

**Hands:** Wear gloves.

**Eyes:** Eye protection necessary.

### SECTION IX: PHYSICAL & CHEMICAL PROPERTIES

**APPEARANCE**

**Form:** Liquid

**Color:** Slight Yellow

**Odor:** Methacrylates

**INFORMATION ON CHANGE IN THE PHYSICAL STATE**

	Value	Unit	Method
<b>Melting Point/Melting Range:</b>	N/A		
<b>Boiling Point/Boiling Range:</b>	100.3	°C	
<b>Flash Point:</b>	10	°C	DIN 51755
<b>Autoignition Temperature:</b>	430	°C	DIN 51794
<b>Danger of Explosion:</b>			
Lower limit of explosion	2.1	Vol%	Kühn-
Upper limit of explosion	12.5	Vol%	Birett
<b>Density (20°C; 68°F):</b>	0.94	g/cm <sup>3</sup>	
<b>Vapor Pressure (20°C; 68°F):</b>	47	mbar	
<b>Viscosity:</b>	N/A		
<b>pH:</b>	Not available		
<b>Solubility in/Miscibility with:</b>	Soluble in most organic solvents		
<b>Water:</b>	16	g/l	
<b>Content of Solvents:</b>	None		
<b>Organic Solvents:</b>	–		
<b>Water:</b>	–		
<b>Content of Solvents:</b>	None		