

Bisco

CE 0459

OPAQUER

*Dual-
Cured*

Resin-Based Metal Opaquer

Instructions for Use



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Caution: U.S. Federal law restricts this device to sale by or on the order of a licensed Dentist.

OPAQUER*

Resin-Based Metal Opaquer

GENERAL INFORMATION

BISCO's **OPAQUER** is a specially formulated, resin-based opaquing agent used to mask dark shades of the metallic (non-precious, semi-precious and precious) framework of dental prostheses. While masking of the metal framework is necessary for pleasing aesthetics, it is not an easy task to successfully block the dark metal hue yet not overly influence the subsequent shade of restorative materials (composite or porcelain). This requires a delicate balance of opacities, hues and chromas of coloring agents. **OPAQUER** successfully accomplishes this balance.

OPAQUER is a two component, dual-curable opaquing agent. An accurate shade of **OPAQUER** is accomplished by mixing an equal portion of the Catalyst and Base. To enhance placement and prevent slumping, the mixed opaquer can also be light-cured initially without affecting its complete chemical setting.

INDICATIONS FOR USE

- Metal opaquer

Warning:

- Avoid splashing into the eyes. If **OPAQUER** comes into contact with the eyes, flush with copious amounts of water and seek medical attention.

Cautions:

- Cross-contamination: Product may contain items that are designed for one time use. Dispose of used or contaminated unit-dose components and accessories. Do not clean, disinfect or reuse.

Precautions:

- **OPAQUER** is a dual-cured material. Use products immediately once dispensed or protect from ambient light.
- Contamination by saliva, blood, or water should be avoided during repair.
- Avoid contact with the skin; unpolymerized (meth)acrylate resins may cause skin sensitization in susceptible persons. In case of contact, wash skin with soap and water.
- See individual component labels for specific expiration dates
- Safety data sheet available on request.
- Safety data sheet available at www.Bisco.com.

TECHNICAL INFORMATION

At room temperature (20°C/68°F - 25°C/77°F):

Working time: Minimum 30 sec.

Setting time: Maximum 2 min. 45 sec.

Working time and Setting time may vary based on storage conditions, temperature, humidity, etc.

INSTRUCTIONS FOR USE

Repair of Porcelain-Fused-to-Metal Restorations:

1. Isolate the area to be repaired.
2. Remove the glaze & bevel (45°) the porcelain around the area to be repaired.
3. Place BISCO's BARRIER GEL* on gingival tissue that may be exposed or on porcelain to protect areas where etching is not desired.
4. Remove cap from PORCELAIN ETCHANT*, securely attach dispensing tip and verify etchant flow prior to applying intraorally. Apply PORCELAIN ETCHANT (9.5% HF) to the dry porcelain surface for 90 seconds. Continue to observe the etch site throughout the entire procedure. Suction the PORCELAIN ETCHANT, then rinse with a copious amount of water and air dry. The etched surface should appear dull and frosty (if porcelain has a white/chalky appearance, agitate a moist microbrush on the porcelain to remove salt and debris created by etching, rinse and dry).

NOTE: Porcelain may be sandblasted or abraded with a coarse diamond bur as an alternative to Hydrofluoric Acid Etching.

5. Apply 1 coat of PORCELAIN PRIMER* to the etched porcelain surface and allow to dwell for 30 seconds. Dry with air syringe.
6. Apply 1 coat of Z-PRIME™* Plus to the exposed metal/zirconia/alumina & dry with an air syringe for 3-5 seconds.
7. Shake OPAQUER Base and Catalyst bottles well before dispensing. Dispense one drop each of Catalyst and Base onto a mixing pad, and mix with a brush tip. Apply a thin coat of OPAQUER only to the metal surface and allow to self cure, or light cure for 5 seconds. An oxygen inhibited layer will be present on the surface once the curing process has completed. This is normal for this material.
8. Apply a thin layer of PORCELAIN BONDING RESIN* to the repair site. Spread composite evenly over the surface and light cure.
9. Complete the repair using composite and finish/polish.

DISPOSAL: Refer to community provisions relating to waste. In their absence, refer to national or regional provisions relating to waste.

STORAGE: Store at room temperature (20°C/68°F - 25°C/77°F). Refer to individual component labels for specific expiration dates.

WARRANTY: BISCO, Inc. recognizes its responsibility to replace products if proven to be defective. BISCO, Inc. does not accept liability for any damage or loss, either direct or consequential, stemming from the use of or inability to use the products as described. Before using, it is the responsibility of the user to determine the suitability of the product for its intended use. The user assumes all risk and liability in connection therewith.

* OPAQUER, BARRIER GEL, PORCELAIN ETCHANT, PORCELAIN PRIMER and PORCELAIN BONDING RESIN are manufactured by BISCO, Inc.
Z-PRIME is a trademark of BISCO, Inc.

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