

# **BencoDental™**

## **9.6% Hydrofluoric Acid Porcelain Etch Gel**

### **INSTRUCTIONS FOR USE**

Benco Porcelain Etch is a professional etching gel containing 9.6% hydrofluoric acid for etching porcelain veneers and inlays. EON Porcelain gel will not stain resins or resin cements, which also makes it ideal for use in etching fractured porcelain surfaces prior to cementation or bonding with resins and resin cements. It may also be used to etch hybrid composites.

### **WARNING**

If Porcelain Etch Gel is exposed or contacts skin or soft tissue, rinse exposed area with copious amounts of water. Use high-speed evacuation system to remove water.

### **INDICATIONS FOR USE**

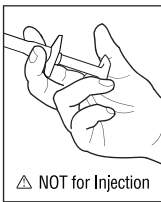
For dental professional use only in etching porcelain surfaces and hybrid composites prior to cementation or bonding with resins and resin cements.

### **PRECAUTIONS**

Practitioner, assistant and patient must wear protective eyewear. Practitioner and assistant must wear protective gloves. Apply disposable barrier sleeves/wraps over multiple-use dental dispensers before use with each patient.\*

### **DIRECTIONS FOR USE**

1. Place rubber dam to isolate operative site and protect soft tissue. Assistant must stand ready at chairside and hold vacuum tip 2-3 inches from porcelain surface during the etching process to evacuate acid fumes.
2. Securely attach 25-gauge dispensing tip to the syringe. Carefully start the flow of Porcelain Etch Gel on a pad and immediately dispose of this sample. Do not start flow in patient's mouth. For maximum control of flow, do not push on plunger with thumb. It is recommended instead to hold syringe barrel between thumb and forefinger while resting plunger in palm of hand. Gently pull back with thumb and forefinger to start flow. Use a new dispenser needle for each patient.
3. Using gentle pressure, carefully apply Porcelain Etch Gel to porcelain surface and leave for one minute while evacuating fumes with vacuum. Some ceramic materials are resistant to etching. To achieve a surface suitable for bonding to these materials, air abrasion is recommended. Creating mechanical retention is advantageous.
4. Cap syringe immediately after use.
5. Remove gel with vacuum tip and rinse treated surface with copious amounts of water.
6. Dry porcelain surface with clean, uncontaminated compressed air.
7. Proceed with cementation or bonding with resins and resin cements.



### **CONTRAINDICATIONS**

Do not apply or place in contact with teeth and soft tissue.

\*For additional information on multiple-use dental dispenser devices refer to FDA guidelines and tips at [www.fda.gov/medicaldevices/dental-devices/multiple-use-dental-dispenser-devices](http://www.fda.gov/medicaldevices/dental-devices/multiple-use-dental-dispenser-devices).

## CAUTION

Porcelain Etching Gel contains 9.6% hydrofluoric acid, a strong, corrosive chemical that can produce irritating fumes. Always handle with extreme caution. Ingestion, contact with skin or eyes and frequent inhalation of fumes are hazardous. Care must be taken to protect practitioner, assistant and patient. This product has been buffered, gelled and packaged to minimize the dangers of hydrofluoric acid, provided it is used in accordance with these instructions.

## STORAGE AND HANDLING

Store tightly sealed in original container at cool room temperature. Avoid direct light, extremes of temperature, contamination and sources of ignition • Shelf life of unopened product: 2 years from date of manufacture • Re-cap immediately after use • Dispose of empty syringe and tips properly.

## REPORTING OF SERIOUS INCIDENTS

Any serious incidents involving the device should be reported to the manufacturer and the Competent Authority of the Member State in which the incident occurred, or other appropriate regulatory body.



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Rev.020124