INSTRUCTION FOR USE

Porcelain Etch Gel

(9.6% Hydrofluoric Acid Etchant)

PREVALENT® Porcelain Etch Gel is a 9.6% buffered hydrofluoric acid gel intended for the intraoral and extraoral etching of porcelain, ceramic, and old macro-filled composite restorations prior to adhesive bonding and repair. The gel creates a micro-porous surface that enhances the mechanical and chemical bond of silane coupling agents, resin cements, and composite materials.

COMPOSITION

Hydrofluoric acid 9.6%, Ethyl alcohol 5.3 %, Buffered gel base

INTENDED USE

For conditioning silica-based dental restorative materials to improve adhesion of resin-based bonding systems.

INDICATIONS

- Etching porcelain veneers, inlays, onlays, crowns, and bridges prior to cementation
- Intraoral repair of fractured porcelain restorations
- Etching of lithium disilicate and other glass ceramics
- Surface treatment of old macro-filled composite restorations prior to bonding

CONTRAINDICATIONS

Do not use:

- On enamel or dentin
- On zirconia, alumina, or metal restorations
- In patients with known hypersensitivity to hydrofluoric acid or any component of the product
- Without proper isolation and protective measures

WARNING

DANGER – Contains Hydrofluoric Acid

Hydrofluoric acid is highly corrosive and toxic.

- Causes severe burns to skin, eyes, and mucous membranes
- May cause serious systemic toxicity
- Can be fatal if swallowed
- For professional dental use only
- Keep out of reach of children
- Use only in a well-ventilated area

PRECAUTIONS

- Both clinician and patient must wear protective eyewear.
- Clinician should wear acid-resistant gloves and protective clothing.
- A rubber dam is mandatory for intraoral use.
- Protect adjacent tissues using a light-cured gingival barrier or petroleum jelly.
- Always keep a neutralizing agent (e.g., sodium bicarbonate solution or hydrofluoric acid neutralizing gel) readily available.
- Do not exceed the recommended etching time.
- Do not use after the expiration date.

METHOD OF USE

1. Surface Preparation
   - Clean the restoration thoroughly and dry completely.
   - For intraoral procedures, isolate the treatment area with a rubber dam.
   - Protect adjacent soft tissues and restorations with a suitable barrier.
2. Application
   - Attach the applicator tip securely to the syringe.
   - Apply a thin, even layer of PREVALENT® Porcelain Etch Gel to the ceramic surface.
3. Etching Time
   - Recommended etching time: 90 seconds

Do not exceed the recommended etching time, as over-etching may weaken the ceramic restoration.

4. Rinsing and Drying
   - Carefully suction off the gel to minimize acid spread.
   - Rinse thoroughly with a strong water spray for at least 60 seconds.
   - Dry with oil-free, moisture-free air.
   - The surface should appear dull, matte, or frosty.
5. Silane Application (Recommended)
   - Apply PREVALENT PrevaCouple™ Silane Coupling Agent according to its Instructions for Use and air dry thoroughly.
6. Bonding Procedure
   - Proceed with adhesive application and resin cementation according to the manufacturer's instructions.

ADVERSE EFFECTS

Accidental contact may cause:

- Severe chemical burns
- Eye injury
- Soft tissue ulceration
- Pain and irritation
- Allergic reactions in sensitive individuals

If contact occurs, rinse immediately with copious amounts of water and seek medical attention.

STORAGE CONDITIONS

- Store at 2–25°C
- Keep away from direct sunlight and heat sources
- Close bottle tightly immediately after use
- Do not freeze

PRESENTATION

Ref.No: PPEG3G- 3 g Syringe

Ref.No: PL-0260- 3 g Syringe

SHELF LIFE

3 years from the date of manufacturing.

DISPOSAL

Dispose of according to local regulations and facility guidelines.

CONTACT DETAILS

Prevalent Healthcare LLP, Poongode Road, Karutheni, Malappuram, Kerala - 679339, India.
Ph.: +91 4931257954 Email: info@prevalentonline.com
www.prevalentonline.com

Failure to comply with the specified storage conditions may alter the working characteristics of the material and reduce its shelf life. The manufacturer is not responsible for any loss of quality resulting from non-compliance with the specified conditions for transportation, storage, and use of this product. The user assumes full responsibility for using the material for any purposes other than those specified by the manufacturer.

This material is intended solely for professional dental use. Application must be carried out strictly according to the instructions for use. The manufacturer accepts no liability for damages resulting from failure to follow the provided instructions or for use beyond the stipulated applications. The user is responsible for assessing the material's suitability for any purpose not explicitly stated in this instruction sheet. The descriptions and data provided do not constitute a warranty of attributes and are not legally binding.

This product is specially formulated for use in dentistry and to be used by qualified dental personnel

Symbol for "CAUTION" | Symbol for "CATALOGUE NUMBER"

Symbol for "KEEP AWAY FROM SUNLIGHT"

Symbol for "KEEP OUT OF THE REACH OF CHILDREN"

Symbol for "DO NOT USE IF PACKAGE IS DAMAGE"

Symbol for "KEEP DRY" | Symbol for "FLAMMABLE MATERIAL"

Symbol for "CONSULT INSTRUCTION FOR USE"

Symbol for "MANUFACTURER NAME & ADDRESS"

Symbol for "TEMPERATURE LIMITATION"

Symbol for "MEDICAL DEVICE" | Symbol for "NON STERILE"

Symbol for "BATCH CODE"

Symbol for "USE BY"

Document No	PL-IFU-056
Revision	03
Date	16-08-2025

Prevalent Healthcare LLP, Poongode Road
Karutheni, Malappuram, Kerala - 679339, India.

Prevalent Healthcare LLP, Poongode Road
Karutheni, Malappuram, Kerala - 679339, India.