

**ULTRADENT**  
PRODUCTS, INC.  
Porcelain Repair Kit

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**NOTE: See individual product inserts for detailed descriptions, indications, instructions, and warnings.**

**Recommended indications:**

Repair of porcelain fused to metal crowns, bridges, inlays and onlays

**Directions for Use:**

**Surface Preparation**

1. Isolate adjacent tissues and restorations with well-sealed rubber dam and EtchArrest<sup>®</sup> acid neutralizing barrier. Leave EtchArrest<sup>®</sup> in place for duration of etching.
  - a. Porcelain surfaces - Slightly abrade porcelain surface with high speed diamond bur. Remove any composite, if present.
  - b. Porcelain repair with exposed metal surfaces - Isolate area with OpalDam<sup>®</sup> resin barrier, and use diamond bur or micro abrasion to abrade metal surface.
  - c. Porcelain repair with tooth surfaces – Slightly abrade porcelain surface with high speed diamond bur. Remove any composite, if present. **YOU MUST PROTECT EXPOSED ENAMEL FROM PORCELAIN ETCH TO AVOID INJURY.**

**Etch and Silanate**

**WARNING: Hydrofluoric acid gives off a vapor that irritates respiratory passageways and on a chronic basis can cause damage.**

2. Remove Luer Lock cap from Porcelain Etch.
3. Securely attach Inspiral<sup>®</sup> Brush tip.
4. Verify etchant flow prior to applying intraorally.
5. Slowly express an even coat onto prepared porcelain and/or metal for 90 seconds.

**WARNING: Do not use Porcelain Etch to etch exposed enamel or dentin surfaces.**

6. Suction acid from surface, then thoroughly rinse and dry surface.
7. Apply Ultra-Etch<sup>®</sup> for 5 seconds to remove porcelain salts and debris formed by the hydrofluoric etchant. Rinse and dry.

NOTE: If using EtchArrest<sup>®</sup> acid neutralizing barrier, blend the acid gel and neutralizing gels, suction and rinse.

8. Porcelain will have a frosted appearance. Repeat step 7 if area does not appear frosted.
9. Remove Luer Lock cap from Silane.
10. Securely attach Black Mini<sup>®</sup> Brush tip.
11. Verify Silane flow prior to applying intraorally.
12. Apply Silane and allow to evaporate for one minute. After one minute, air dry if needed.
13. For porcelain repair with exposed enamel or dentin, etch tooth surface with 35% phosphoric acid for 15 sec. Rinse and leave moist with no visible puddles.

**Bonding**

14. Apply a puddle coat of Peak<sup>®</sup> Universal Bond with Inspiral<sup>®</sup> Brush – gently agitate for 10 sec.
15. Dry/thin 10 seconds using ¼ to ½ air pressure. Prep should appear shiny.
16. Light cure for 10 sec. (20 sec. for lights with output < 600mW/cm<sup>2</sup>).

**Restore**

17. Restore with composite of choice.
  18. For surfaces with exposed metal, apply a thin coat of PermaFlo<sup>®</sup> Dentin Opaquer over metal. Light cure and complete restoration with composite.
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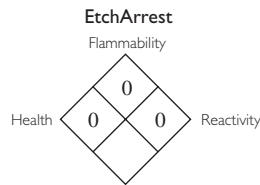
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## Warnings & Precautions:

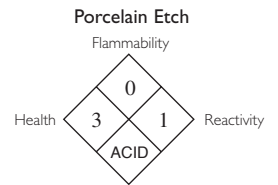
- 1. Hydrofluoric acid gives off a vapor that irritates respiratory passageways and on a chronic basis can cause damage.**
- 2. DO NOT use Porcelain Etch to etch exposed enamel or dentin surfaces.**
3. Carefully read and understand all instructions before using.
4. Patient, clinician and assistant must wear protective eyewear when using this product.
5. Verify flow prior to applying intraorally. If resistance is met, replace tip and re-check. Use only recommended tips.
6. Do not allow any product to be ingested.
7. Re-cap syringes with the Luer Lock Cap. Disinfect and wipe syringe with an intermediate level disinfectant between uses.
8. Dispose of used tips and empty syringes properly.
9. To avoid inhalation of irritating Porcelain Etch vapors, hold vacuum in close proximity of area being prepped.
10. Resins can be sensitizing. Avoid repeated contact of uncured dental resin with skin. Do not use on patients with a known sensitivity to acrylates or other resins. If allergic reaction, dermatitis or rash develops, consult a physician.
11. Re-direct operator light during restorative procedures to avoid pre-mature polymerization.
12. Light activated bonding agents are sensitive to ambient light. Syringe Luer Lock caps should be replaced following use to prevent unwanted polymerization. Cover syringe tip with gauze if left exposed to ambient light for long periods.
13. Establish adequate isolation.
14. Resins should be refrigerated for long-term storage to maintain shelf life.
15. Do not re-use to avoid cross-contamination. Tips are single use only.
16. To optimize bond strength, use oil-free, moisture-free air.

**NOTE: For MSDS and additional information about using Ultradent Porcelain Repair Kit, please go to [www.ultradent.com](http://www.ultradent.com)**

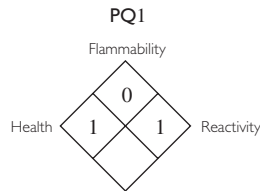




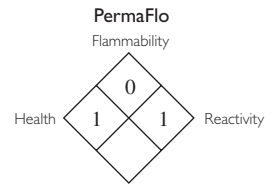
For MSDS please visit our website:  
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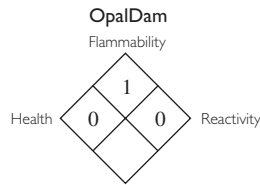
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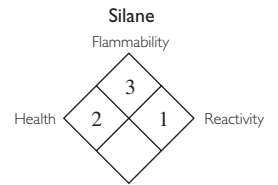
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HAZARD RATING

- 4 = Severe
- 3 = Serious
- 2 = Moderate
- 1 = Slight
- 0 = Minimal

**Ultradent Porcelain Repair Kit**  
REF/UP 1108

Contents:

- 1-1.2mL prefilled syringe OpalDam
- 1-1.2mL prefilled syringe EtchArrest
- 1-1.2mL prefilled syringe Porcelain Etch
- 1-1.2mL prefilled syringe Silane
- 1-1.2mL prefilled syringe Peak Universal Bond

1-1.2mL prefilled syringe PermaFlo Dentin Opaquer

- 20 - Black Mini Brush tips
- 20 - Micro 20 gauge tips
- 20 - Black Micro tips
- 20 - Inspirial Brush tips

For immediate reorder and/or complete descriptions of Ultradent's product line, refer to Ultradent's catalog or call **Toll Free: 1-800-552-5512**.  
Outside U.S. call (801) 572-4200.

Key:



Use by Date



See Instructions For Use



Batch Code



For Professional Use



Catalog Number



Do Not Reuse To avoid cross contamination



Toxic



Highly Flammable



Harmful



Corrosive



Manufactured By

**ULTRADENT**  
PRODUCTS, INC.

505 West 10200 South  
South Jordan, Utah 84095  
[www.ultradent.com](http://www.ultradent.com)  
Made in USA