**INDICATIONS FOR USE**

G5 is an outstanding desensitizing agent that acts on desensitizing variants associated with the histological anatomy of the tooth. It is not used to help prevent post-operative sensitivity. G5 can be used to help prevent post-operative sensitivity when using a temporary material. G5 has profound antimicrobial qualities and acts as an excellent disinfectant.

**MECHANISM OF ACTION**

The denatured collagen coagulates, which results in a reduction in dentin permeability and fluid flow, which in turn significantly reduces the potential of fluid movement from the outside of the tooth to the inner pulp. This coagulation phenomenon results in a significant reduction in dentinal tubules. G5 has profound antimicrobial qualities and acts as an excellent disinfectant.

**GENERAL INFORMATION**

G5 is synthesized from glutaryl aldehyde and water. The three formaldehyde-free formulas of G5 demonstrated statistically significant improvements for over 15 years. The time-proven formulation of G5 has demonstrated outstanding clinical performance for over 15 years.

**APPLICATIONS**

**RESIN-BONDED RESTORATIONS (UNBONDED)**

1. Clean tooth preparation area.
2. Etch preparation with phosphoric acid per dentin adhesive instructions.
3. Rinse.
4. Wait 30 seconds, then dry with air.
5. Remove visible water. Do not desiccate.
6. Dry with air (dryness is not critical).
7a. Apply G5 using a microbrush or cotton pellet. Avoid soft tissue (rinse after application if G5 comes in contact with soft tissue).
7b. Direct Restorations: Apply composite bonding agent and composite per manufacturer’s instructions.
8. Cure.
9. Clean tooth preparation area.
10. Rinse.
11. Apply one layer of the resin bonding agent or resin cement per manufacturer’s directions.
12. Bond.
13. Etch with 10-40% phosphoric acid for 30 seconds.
15. Dry the etched dentin.
16. Apply adhesive.
17. Bond.
18. Cure.
19. Clean any remaining resin cement.

**RESIN-BONDED RESTORATIONS (BONDED)**

1. Clean tooth preparation area.
2. Etch preparation with phosphoric acid per dentin adhesive instructions.
3. Rinse.
4. Wait 30 seconds, then dry with air.
5. Apply G5 using a microbrush or cotton pellet. Avoid soft tissue (rinse after application if G5 comes in contact with soft tissue).
6. Direct Restorations: Apply composite bonding agent and composite per manufacturer’s instructions.
7. Cure.
8. Bond.
9. Etch with 10-40% phosphoric acid for 30 seconds.
10. Rinse.
11. Dry the etched dentin.
12. Apply adhesive.
13. Bond.
15. Clean any remaining resin cement.

**APPLICATIONS**

**TOOTH COLOR POSTERIOR RESIN COMPOSITES**

1. Clean tooth preparation area.
2. Etch with 10-40% phosphoric acid per dentin adhesive instructions.
3. Rinse.
4. Wait 30 seconds, then dry with air.
5. Apply G5 using a microbrush or cotton pellet. Avoid soft tissue (rinse after application if G5 comes in contact with soft tissue).
6. Dry with air (dryness is not critical).
7a. Apply composite bonding agent and composite per manufacturer’s instructions.
7b. Direct Restorations: Apply composite bonding agent and composite per manufacturer’s instructions.
8. Cure.
10. Etch with 10-40% phosphoric acid for 30 seconds.
11. Rinse.
12. Apply adhesive.
13. Bond.
15. Clean any remaining resin cement.

**APPLICATIONS**

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5. Apply G5 using a microbrush or cotton pellet. Avoid soft tissue (rinse after application if G5 comes in contact with soft tissue).
6. Direct Restorations: Apply composite bonding agent and composite per manufacturer’s instructions.
7. Cure.
8. Bond.
9. Etch with 10-40% phosphoric acid for 30 seconds.
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**APPLICATIONS**

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10. Rinse.
11. Dry the etched dentin.
12. Apply adhesive.
13. Bond.
15. Clean any remaining resin cement.
**SAFETY DATA SHEET**

**SECTION 1: Identification of the substance/mixture and of the company/consignee**

**Product name:**

**Manufacturer:**

**Manufacturer/Supplier Article number:**

**UN Number:**

**Identification:**

**CAS Registry Number:**

**GHS Classification:**

**Signal words:**

**Concerns:**

**Precautionary statements:**

**Sections:**

**CONTINUED...**