Tenure Uni-Bond is a self-etching bonding agent based on Tenure technology. It etches and bonds to both enamel and dentin. On dentin surfaces, it modifies/penetrates the smear layer and adheres to tooth structure without opening tubules, thus dramatically reducing or eliminating post-operative sensitivity.

Gloss-N-Seal is a light-cure, low-viscosity surface sealant with exceptional abrasion resistance. It cures to a very thin, glazed layer with a minimal oxygen-inhibited layer. Gloss-N-Seal is applied immediately following the application of Tenure Uni-Bond. Gloss-N-Seal penetrates and seals to reduce composite wear, marginal staining and breakdown. Applications for Gloss-N-Seal include sealing composite restorations, coating provisional for instant glazed finishes, and resurfacing old composite restorations.

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**INSTRUCTIONS:**

1. Clean the tooth surface thoroughly, removing all caries and establishing beveled margins.
2. Clean the prep with isopropyl alcohol, rinse with water and gently air-dry. For preparations of 3 mm or deeper, Geniostore® or Bio-Cap® is recommended as a base to protect the pulp.
3. If there is uncut enamel present, apply standard phosphoric acid etchant to the enamel for 5-10 seconds. Rinse and gently air-dry.
4. Apply Tenure Uni-Bond to the prep by either the One-Step Technique or the Alternative Application Technique (for extended work time).

**One-Step Technique**

- Dispense 1 drop of Tenure Uni-Bond Adhesive A and 1 drop of Tenure Uni-Bond Adhesive B into a dappen dish and mix with a microbrush.
- Apply a single, thin coat of the Tenure Uni-Bond mixture to the prepared enamel/dentin surface, agitating with the microbrush for at least 15 seconds. Do not allow the adhesive to pool. Gently air-dry to remove excess solvent. It is important that you keep the adhesive from contacting soft tissue.

**Alternative Application Technique**

- Dispense 1 drop of Tenure Uni-Bond Adhesive A and 1 drop of Tenure Uni-Bond Adhesive B into a dappen dish and mix with a microbrush.
- Apply a single, thin coat of the Tenure Uni-Bond mixture to the prepared enamel/dentin surface, agitating with the microbrush for at least 15 seconds. Do not allow the adhesive to pool. Gently air-dry to remove excess solvent. It is important that you keep the adhesive from contacting soft tissue.

**WARNING:**

CAUTION: Wear protective gloves while using this product. This product contains methacrylate monomers and acrylic acid, which are known to cause irritation to the skin and eyes. Wear protective gloves and/or eye protection while using this product.

**APPLICATIONS:**

Tenure UniBond® with Gloss-N-Seal®

- Features:
  - Self-etching bonding technology
  - Seals to reduce composite wear, marginal staining and breakdown
  - Eliminates post-operative sensitivity

- Indications:
  - Bonding to both enamel and dentin
  - Improving the bond strength of composite restorations
  - Protecting the pulp from bacterial invasion

- Benefits:
  - Improved bond strength
  - Reduced post-operative sensitivity

- **INDICATIONS:**

- Sealing composite restorations
- Coating provisional for instant glazed finishes
- Resurfacing old composite restorations

- **APPLICATIONS:**

- Bonding to both enamel and dentin
- Improving the bond strength of composite restorations
- Protecting the pulp from bacterial invasion

- **BENEFITS:**

- Improved bond strength
- Reduced post-operative sensitivity

- **CAUTIONS:**

- Wear protective gloves while using this product.
- This product contains methacrylate monomers and acrylic acid, which are known to cause irritation to the skin and eyes.
- Wear protective gloves and/or eye protection while using this product.

- **CONTAMINATION:**

- Tenure® and Gloss-N-Seal® have not been studied for potential contamination of soft tissue or surrounding areas.
Contraindications
Patients allergic or hypersensitive to methacrylate monomers.

Alternate Application Technique for longer work time
a. Dispense 1 drop of Tenure® Uni-Bond® Adhesive A into a dappen dish.

b. Dispense 1 drop of Tenure® Uni-Bond® Adhesive B into another dappen dish.

c. Apply Tenure® Uni-Bond® Adhesive A onto the prep and gently agitate it for 10 seconds.

d. With a different microbrush, apply three coats of Tenure® Uni-Bond® Adhesive B onto the prep and gently air-dry.

If Not using Gloss-N-Seal®, light-cure the Tenure® Uni-Bond Mixture.
• With Sapphire® PAC lights (all models) start with 5 second exposures.
• With FlashLite® LED lights (all models) start with 10 second exposures.
• For all other curing lights; halogen, LED and other, refer to the manufacturer instructions. A minimum of 10-30 seconds is recommended.

If Gloss-N-Seal® is used: Rub a thin coat of Gloss-N-Seal onto the surface of the applied Tenure® Uni-Bond Mixture for 5 seconds. Gently blow with air and light-cure using times recommended above.

Apply the composite to the preparation and cure the composite according to the manufacturer’s instructions.

Finishing and Sealing Restorations

Many dentists apply Tenure® Uni-Bond and Gloss-N-Seal to seal and finish their restorations.

1. Following occlusal adjustment, rinse and air-dry the surface (tooth as well as composite).

2. Apply a layer of Tenure® Uni-Bond to the entire restoration/tooth surface, and gently air thin.

3. Apply one thin coat of Gloss-N-Seal and light-cure for the final seal and finish.

Contraindications
Patients allergic or hypersensitive to methacrylate monomers.

Dentin/Root Hypersensitivity Treatment
1. Clean the sensitive area with a cotton pellet.

2. Apply Tenure® Uni-Bond® Adhesive A into a dappen dish.

3. Dispense 1 drop of Tenure® Uni-Bond® Adhesive B into another dappen dish.

4. Apply Tenure® Uni-Bond Adhesive A onto the prep and gently agitate it for 8-10 seconds.

5. With a different microbrush, apply three coats of Tenure® Uni-Bond® Adhesive B onto the prep and gently air-dry.

6. If Not using Gloss-N-Seal®, light-cure the Tenure® Uni-Bond Mixture.
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Uneven Gloss-N-Seal® is used: Rub a thin coat of Gloss-N-Seal onto the surface of the applied Tenure® Uni-Bond Mixture for 5 seconds. Gently blow with air and light-cure using times recommended above.

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c. Apply Tenure® Uni-Bond® Adhesive A onto the prep and gently agitate it for 10 seconds.

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Uneven Gloss-N-Seal® is used: Rub a thin coat of Gloss-N-Seal onto the surface of the applied Tenure® Uni-Bond Mixture for 5 seconds. Gently blow with air and light-cure using times recommended above.

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