

*Bisco*

CE0459

***ALL-BOND 2***<sup>®</sup> *Dual-Cured*

*Universal Dental Adhesive*

**Instructions for Use**



Bringing Science to  
the *Art* of Dentistry™

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**ALL-BOND 2™** is an unsurpassed 4th generation dentin/enamel adhesive resin system. It employs a true dual-cure, hydrophilic primer that micro-mechanically bonds to dentin with shear bond strengths of 30 MPa or better. **ALL-BOND 2** effectively bonds to all dental surfaces including precious and non-precious casting alloys, and amalgam. **ALL-BOND 2** is a unique bonding system that is different from other systems currently on the market. Careful reading of the instructions that follow will assure success.

## INSTRUCTIONS

Refer to the spiral bound **ALL-BOND 2 TECHNIQUE GUIDE** for specific instructions.

Apply **ALL-ETCH™** (10% H<sub>3</sub>PO<sub>4</sub>) on freshly instrumented enamel and dentin for 15 seconds with agitation on enamel or use **UNI-ETCH™** (32% H<sub>3</sub>PO<sub>4</sub>) for 15 seconds without agitation. Rinse thoroughly. Use the air syringe for 1 or 2 seconds to remove excess surface water but **DO NOT DESICCATE**. **ALL-BOND 2** requires **MOIST** dentin and enamel, free from saliva contamination.

Dispense and mix equal amounts of Primer A and B in the mixing well. **IMMEDIATELY** replace caps on primer bottles. Apply five consecutive coats of primer to the entire preparation including enamel. **DO NOT DRY BETWEEN COATS**. After **ALL-BOND 2** primers have been applied, carefully but **THOROUGHLY** evaporate the solvents with the air syringe. Dry all surfaces for 5-6 seconds with an air syringe to ensure thorough solvent and displaced water removal. **ALL** properly primed surfaces will appear glossy. If surface is not glossy, repeat mixed primer application.

**HINT:** To control drops and avoid wasting primers:

1. Hold the bottle in an upright position and squeeze gently.
2. While squeezing, invert the bottle and continue to squeeze one or two drops as needed.
3. Gently releasing the grip on the inverted bottle will force the primer back into the bottle. Replace cap immediately after use.

For direct composite restorations, apply a thin layer of D/E RESIN\* (DENTIN/ENAMEL BONDING RESIN) over the primed surfaces, light cure for 20 seconds at 500mW/cm<sup>2</sup>. Equal numbers of drops of **PRE-BOND™** and DENTIN/ENAMEL BONDING RESIN can be used as a dual-cure bonding agent that will self-cure or light cure. **PRE-BOND** can also be used to overcome the accelerating effect of set primers on self and dual-cure composite systems. Place and finish selected composite. To significantly decrease wear of composites, seal the margins and surface with **BISCO'S FORTIFY™** Composite Surface Sealant immediately following the final finishing step.

**STORAGE:** Store at room temperature (20°C/68°F - 25°C/77°F). See individual component labels for specific expiration dates. Primers are subject to evaporation, keep bottles tightly capped.

**PRECAUTIONS:** **UNI-ETCH** and **ALL-ETCH** contain phosphoric acid. Avoid splashing into the eyes. If etchants come in contact with the eyes, flush with copious amounts of water and seek medical attention. Unpolymerized resins may cause skin sensitization in susceptible persons, in case of contact with the skin, wash thoroughly with soap and water.

**WARRANTY:** BISCO, Inc. recognizes its responsibility to replace products if proven to be defective. BISCO, Inc. does not accept liability for any damage or loss, either direct or consequential, stemming from the use of or inability to use the products as described. Before using, it is the responsibility of the user to determine the suitability of the product for its intended use. The user assumes all risk and liability in connection therewith.

**CAUTION:** U.S. Federal law restricts this device to sale by or on the order of a dental professional.

\* **ALL-BOND 2**, **ALL-ETCH**, and **UNI-ETCH** are registered trademarks of BISCO, Inc.  
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