

## INSTRUCTIONS FOR USE

Bonding Resin is a single component, light cured adhesive designed specifically for bonding to etched enamel and existing composite restorations.

## INDICATIONS

- Bonding to enamel
- Bonding layer for the repair of composite

## CONTRAINDICATIONS

1. Do not use for pulp capping.
2. Any persons having known resin allergies should refrain from using Bonding Resin.
3. Not to be used in combination with eugenol materials or haemostatics containing ferric compounds.
4. Do not use substances such as desensitisers, disinfectants (NOTE: Chlorhexidine solutions can be used), astringents, dentine sealants, rinsing solutions containing EDTA or hydrogen peroxide. The residues of these substances can impair the bond strength and setting reaction of the adhesive.

## INSTRUCTIONS FOR USE

Preparation

Isolation techniques must be used to prevent contamination. Rubber dam is the preferred mode of isolation. In cases where pulp protection is necessary, use a calcium hydroxide liner.

Bonding to enamelTooth Preparation

1. Bevel enamel surfaces using a diamond bur or clean using an abrasive paste such as pumice powder and water.  
NOTE: Do not use an oil-based paste
2. Remove loose preparation debris by spraying with water.
3. Gently air-dry using 2-3 bursts of oil/water-free air or cotton pellets.

Application

1. Apply 37% phosphoric acid etching gel (e.g. SDI Super Etch) to enamel and leave for 30 seconds.
2. Rinse thoroughly with water and dry with water/oil free air or with cotton pellets. Ensure etched enamel is completely dry.
3. Dispense one or two drops (depending on restoration size) of Bonding Resin into a mixing well. Immediately replace the cap.
4. Apply a thin layer of Bonding Resin to the previously etched enamel surface. Use a light stream of dry, oil-free air to aid the resin flow.
5. Light cure for 20 seconds (460-480nm wavelength, high power LED curing light such as Radium Plus, (SDI Limited)).
6. Place composite such as Aura, Aura Easy or Aura Bulk Fill (SDI Limited) according to manufacturer's instructions for use.

Bonding layer for the repair of composite

1. Roughen any existing smooth composite resin surface.
2. Dispense one or two drops (depending on restoration size) of Bonding Resin into a mixing well. Immediately replace the cap.
3. Apply a thin layer of Bonding Resin. Use a light stream of dry, oil-free air to aid the resin flow.
4. Light cure for 20 seconds (460-480nm wavelength, high power LED curing light such as Radium Plus SDI Limited).
5. Place composite such as Aura, Aura Easy or Aura Bulk Fill (SDI Limited) according to manufacturer's instructions for use.

## STORAGE AND HANDLING

Store at temperatures between 10°C (50°F) - 25°C (77°F). Use at room temperature between 20°C (68°F) and 25°C (77°F).

## PRECAUTIONS

Avoid prolonged contact of etchant, adhesive and composite with oral soft tissue, as it may cause inflammation or sensitisation.

Avoid contact with eyes and skin.

Discontinue use if any irritation develops.

For professional use only.

Keep out of reach of children.

Do not take internally.

Do not use after expiry date.

Do not expose material to direct light or heat. Keep stored away from direct light or heat.

Caution: Federal Law restricts this device to sale by or on the order of a dentist.

SDS available at [www.sdi.com.au](http://www.sdi.com.au) or contact your regional SDI representative.

## FIRST AID

Eye (contact): Hold eyelids apart and flush eye with running water for at least 15 minutes. Seek medical attention.

Skin (contact): Remove contaminated clothing. Wash skin thoroughly with water to remove solution. Seek medical attention in the event of irritation.

Ingestion: Drink plenty of water/milk. Seek medical attention if irritation develops.

Inhalation: No symptoms expected.

## PACKAGING:

Bonding Resin Refill  
1 x 5mL bottle

Bonding Resin Refill  
2 x 5mL Bottle



Made in Australia by SDI Limited  
Bayswater, Victoria 3153  
Australia 1 800 337 003  
Austria 00800 0225 5734  
Brazil 0800 770 1735  
France 00800 0225 5734  
Germany 0800 1005759  
Italy 00800 0225 5734  
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