

# AHL

## reliaBond

Bonding Adhesive (Single Part, Light Curing)

### DIRECTIONS FOR USE

#### FEATURES:

A solvent-free, visible light curing Single Component Bonding Adhesive for enamel and dentine. It has a distinctive ability to moisten and penetrate the dentine. The product is a viscous non-thixotropic liquid. Only one application is needed – combines bonding agent and primer in a one part formula. It is not compromised if the dentine is wet or dry, etched or unetched. Exhibits under various operational conditions an appropriate adhesion for composites and compomers to enamel, dentine and metal as well as ensuring long lasting strong marginal adaptation.

#### INDICATIONS:

- Suitable for bonding composites and compomers to enamel, dentine and metal.
- Direct restorations
- Direct and indirect inlays, onlays and veneers etc.

#### CONTRA-INDICATION:

Exposed pulp, pulpitis, known allergy to methacrylate resin.

#### SIDE EFFECTS:

Isolated cases of contact-allergies with products of similar composition have been reported. To avoid possible pulpal reactions, protect the exposed dentine in the pulpal area with an appropriate lining material (preferably with a calcium hydroxide cavity liner).

#### INTERACTIONS:

Avoid cavity liners which might inhibit polymerisation due to their components, e.g. phenolic substances such as zinc oxide eugenol.

#### APPLICATION:

Clean the tooth to be restored and adjacent teeth using a brush and fluoride-free toothpaste. Use dental floss and strips for interdental spaces if indicated.

#### CAVITY PREPARATION:

The cavity is prepared in the usual way. Bevelled margins and undercuts improve adhesion and marginal adaptation.

#### PULP PROTECTION:

In areas close to the pulp use a thin layer of a suitable material such as calcium hydroxide liner. Do not use eugenol-containing cements.

#### ETCHING

Apply etch gel on enamel margins or enamel surfaces and etch for 30-60 seconds or as indicated in the directions for the etchant. In dentine-bounded cavities it is recommended to use the Total Etch Technique. Do not etch the dentine for more than 15 seconds. Rinse thoroughly and dry with oil-free air. Keep dry.

#### BONDING

Dispense a sufficiently thick layer of Bonding Adhesive onto the etched enamel and dentine. With a brush or a cotton applicator tip, massage the Bonding Adhesive into the tooth for 20 seconds to achieve an even, glossy layer. Cure with a halogen light for 15 – 30 seconds. (The longer curing time is recommended to ensure total curing right down into the dentine tubules).

**Caution:** Do not expose unused Bonding Adhesive to the operating or curing lights.

#### RESTORATION

Fill the cavity with composite resin restorative, following the directions supplied with the product.

#### STORAGE:

Store in a cool dry place.

**Caution:** Do not expose to direct sun light or other heat sources. If room temperature is likely to exceed 25°C storage in a refrigerator is recommended. Do not freeze.

#### WARNING:

Close bottle or syringe after each use with the appropriate lid. Keep material out of the reach of children. In case of direct contact with the oral mucosa, rinse with plenty of water. Harmful if swallowed. Irritating to eyes and skin. May cause sensitisation by skin contact. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. After contact with skin, wash immediately with plenty of soap and water. Wear suitable protective clothing, gloves and eye/face protection.

#### BATCH CODE:



The batch code gives an open date of manufacture in month, year, day format with a numerical suffix to uniquely identify the batch of material. Please quote this batch number in all correspondence.



The expiry date is shown in year, month format. Do not use the product after this date.

#### SPECIALLY FORMULATED FOR USE IN DENTISTRY

REF: AH1200 5ml Bonding Adhesive Bottle



 Advanced Healthcare Ltd., Tonbridge, Kent, TN11 8JU, UK  
Tel: +44 1892 870500 Fax: +44 1892 870482

*Advanced Healthcare Ltd operate a policy of continuous monitoring and improvement of our products. If you have any comments about this product, please contact us at the above address stating the batch number shown on the packaging.*

Caution: U.S. Federal Law restricts this device to sale by or on the order of a dental professional.

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