

CE 0473



Flowable Light Cure Adhesive

FlowTain™ is a flowable, light cure orthodontic adhesive intended to be used for bonding lingual retainers and splinting materials, creation of archwire stops and indirect bonding of orthodontic brackets.

FlowTain™ can also be used for the retention of thermoplastic aligners. FlowTain™ L.V. is a flowable, light cure adhesive intended to be used for indirect bonding of orthodontic brackets.

FlowTain™ and FlowTain™ L.V. are light cured composites with a low modulus of elasticity, and are not as stiff or brittle as conventional composites, which makes them ideal for lingual retainers, splinting materials (e.g. fibers) and indirect bonding of brackets. These materials are highly polishable which will reduce wear.

Flowable Viscosity: Even though FlowTain™ and FlowTain™ L.V. are flowable materials, their thixotropic properties prevent them from slumping for better control.

Needle Tip Dispenser: Using the tips provided, these materials are easily injected onto lingual surfaces and across fiber splints.

INSTRUCTIONS FOR USE

INDIRECT BONDING WITH FlowTain™ and FlowTain™ L.V.:

1. Prophylax the tooth with *Ist & Final*® prophylax paste. Rinse and dry.
2. Acid etch the tooth surface for 30 seconds. Rinse and dry thoroughly.
3. In a mixing well, dispense 2 drops of *Assure*® Universal Bonding Resin.
4. Using a bristle brush or sponge pellet, apply a generous coat of *Assure*® Universal Bonding Resin to the tooth surface *and* to each custom pad in the bonding tray. Repeat with a second generous coat to each tooth surface and each custom pad.
5. Apply a small dollop of FlowTain™ paste to the gingival half of each custom pad. Seat bonding tray in patient's mouth. Light cure each tooth at the closest area to each bracket for 20 seconds. Gently remove bonding tray. Light cure each bracket again for 20 seconds.

CREATION OF ARCH WIRE STOPS: Microetch or roughen the wire with a bur. Apply FlowTain™ paste in amount required and light cure for 20 seconds.

THERMOPLASTIC ALIGNERS: Prophylax, etch, rinse and dry the enamel. Condition the prepared enamel with *Assure*® Universal Bonding Resin. Apply FlowTain™ paste into the aligner matrix, seat and light cure for 20 seconds.

BONDING LINGUAL RETAINERS:

1. Clean teeth to be bonded with slurry of pumice and water or *Ist & Final*® prophylax pumice.
2. Etch, rinse, dry and apply a sealant/bonding resin such as *Assure*® Universal Bonding Resin, *Light Bond*™ or **PRO SEAL**®/L.E.D. **PROSEAL**® (**PRO SEAL**®/L.E.D. **PROSEAL**® must be light cured for 20 seconds before applying retainer). To further increase bond strength when using *Light Bond*™ or **PRO SEAL**®/L.E.D. **PROSEAL**®, first condition the enamel with *Enhance*™ Adhesion Booster or *Assure*® Universal Bonding Resin.
3. Apply the FlowTain™ to the desired area of the tooth and light cure for 20 seconds.

BONDING OF SPLINTING MATERIALS: Prophylax, etch, rinse and dry the enamel. Place bonding resin on teeth. Dispense and apply FlowTain™ across the interproximal of both teeth to connect and light cure.

GENERAL INFORMATION: The intensity of curing lights may vary. Some higher intensity lights will require a shorter activation of the paste. Loss of intensity cannot be detected by the naked eye. Dispensed paste should not be exposed to direct light for any extended period of time as a partial activation may occur. Paste can be applied to brackets in advance but must be shielded from any ambient light (i.e., cover with a box top).

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

NOTE: Use of UV, halogen and L.E.D. curing lights can be associated with eye damage. The patient, doctor and the assistant should wear properly designed protective eyewear when using these light curing devices.

TEMPERATURE LIMITATION: Store at room temperature (68-77 degrees F.) or can be refrigerated (36-46 degrees F.) Refrigeration will prolong the shelf life of the FlowTain™ and FlowTain™ L.V.

PRECAUTIONS: Unpolymerized resins may cause skin sensation in susceptible persons. Avoid contact with the skin. In case of contact with skin, wash thoroughly with soap and water.

WARRANTY: Reliance Orthodontic Products, Inc. recognizes its responsibility to replace products if proven to be defective. Reliance Orthodontic Products, Inc. does not accept liability for any damages 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 connections therewith.

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