

# TRULOCK™

## LIGHT ACTIVATED BONDING SYSTEM



### DESCRIPTION:

**Trulock™ Light Activated Bracket Adhesive** is a single paste resin-based, fluoride containing bracket adhesive. The single paste adhesive requires no mixing; resulting in reducing adhesive waste, consistent adhesive performance and no working time constraints.

### INDICATIONS FOR USE:

**Trulock™ Light Activated Bracket Adhesive** is an orthodontic adhesive designed to bond metal, ceramic, and plastic brackets to enamel.

### CONTRAINDICATIONS:

**Trulock™ Light Activated Bracket Adhesive** is contraindicated in patients with a history of severe allergic reaction to methacrylate resins.

### WARNING:

#### General Precautions:

1. U.S. Federal Law restricts this device to sale by or on the order of a dentist.
2. Review instructions and SDS prior to beginning treatment. Use only as directed.

#### Adverse Reaction:

Allergic or pre-existing skin, eye and respiratory conditions may be aggravated by exposure to this product.

### INSTRUCTIONS FOR USE:

#### Tooth Preparation

1. Thoroughly clean teeth to be bonded with Ortho Prophyl Paste. Prophyl paste which contains oil or fluoride should not be used as it may leave a residue which can inhibit the etch.
2. Rinse teeth thoroughly with large amount of water; dry with oil and moisture-free compressed air.
3. If using 37% Phosphoric Acid Etchant, etch enamel for 15 seconds; never leave etchant on tooth for more than 60 seconds. Lightly agitating the etchant during its application can enhance its action.
4. Rinse teeth thoroughly with water to remove all traces of the etchant. Re-isolate and dry with oil and moisture-free compressed air. The surface should appear dull and frosty.

#### Bracket Adhesive Application

1. Dry the etched surfaces thoroughly with moisture-free and oil-free compressed air. The etched surface should appear dull and frosty white. If not, re-etch for an additional 20 seconds.
2. Dispense two drops of Light Activated Bracket Bonding Resin onto a dispensing pad or other suitable surface. With a brush apply one thin uniform layer onto each etched and dried tooth surface to which the bracket is to be bonded. It is not necessary to cure the bonding/sealant resin at this time. However, to minimize floatation and contamination, the bonding/sealant resin may be cured for 10-15 seconds. If contamination has occurred to the cured bonding/sealant surface it can be cleaned by dabbing the cured surface with alcohol without the need to re-etch. To enhance bond strength with some fine mesh brackets apply a thin uniform layer of bonding/sealant resin to the underside of each bracket base and cure for 10-15 seconds before applying paste.
3. Apply a thin layer of **Trulock™ Light Activated Bracket Adhesive** to the underside of the bracket base. Place the bracket onto the tooth and press lightly in the desired position. Excess adhesive can be removed easily from the periphery of the bracket base after bracket is in place.
4. With a metal bracket, position the curing light to shine from the incisal edge and illuminate for 20 seconds and for 15 seconds from the gingival, mesial or distal bracket edge. Curing may be done directly through a transparent bracket from the labial for 20 seconds. The curing light tip must be placed as close to the bracket base as possible during curing.
5. Archwires can be placed immediately once the paste has been properly cured.

#### STORAGE:

1. Recommended storage conditions are between 2°C/36°F to 27°C/80°F, bringing to room temperature before using (22°C/72°F). Do not freeze. See outer package for expiry date.
2. Do not expose to elevated temperatures or intense light.
3. Keep container closed when not in use.

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