

## Transbond™ Plus Light Cure Band Adhesive

### Instructions For Use



**Warning:** Transbond™ Plus Light Cure Band Adhesive contains acrylate monomers. Acrylate monomers are known to produce allergic skin reactions in certain sensitive individuals. May cause eye and skin irritation.

**Precautions:** Avoid eye and skin contact. Wear gloves when handling this material.

**First aid: Eye contact:** Immediately flush with plenty of water. See a physician if irritation persists.

**Skin contact:** Wash affected area with soap and water. See a physician if irritation persists.

**Precaution:** Please follow manufacturer's directions on the handling, proper use and recommendations for eye protection, when using a curing light.

**Precaution: Care must be taken when bonding to porcelain crowns or facings as debonding may cause chipping, delamination or breakage of the crown.** Do not bond to porcelain crowns that have thin facings or that appear to be compromised.

**Indication For Use:** Transbond Plus Light Cure Band Adhesive is designed for banding orthodontic appliances.

### Tooth Preparation

1. After removing separators, scale the gingival margins of teeth to be banded in order to remove any plaque. (Figure 1)
2. Prophyl teeth with an oil-free pumice or paste. Rinse with water. (Figure 2)
3. Air dry thoroughly using oil and moisture-free air source. (Figure 3)
4. Trial fit each band to be placed on the patient. (Figure 4)
5. After verifying proper fit, remove the trial fitted bands and clean. (Figure 5)

**Note:** To avoid getting cement in the buccal tube, apply lip balm or cement guard to the mesial and distal ends.

### Cementing

6. Isolate teeth to be banded. For lower bandings, also place cotton rolls between the tongue and molars. (Figure 6)
7. Insert a disposable dispensing tip securely onto the syringe. (Figure 7)
8. Load the band with adhesive and seat on the tooth. (Figure 8)

**Note:** Ensure a new tip is used for each patient to avoid cross-contamination.



### Light Curing

9. Remove excess Transbond Plus Light Cure Band Adhesive with a scaler. (Figure 9)
10. Light cure the Transbond Plus Light Cure Band Adhesive by placing the light guide 1-2 mm above the occlusal surface of the tooth being banded and curing the material for 30 seconds. (Figure 10)

**Note:** The above mentioned curing time applies only to Ortholux™ and Ortholux XT Visible Light Curing Units. Other curing lights, depending on their output intensity might require longer curing times.

11. Remove and discard used dispensing tip. Replace storage cap on the Transbond Plus syringe. (Figure 11)



### Storage and Use

1. Bring to room temperature prior to use.
2. Do not expose to elevated temperatures or intense light.
3. Do not store material in proximity to eugenol-containing products as this may inhibit the proper adhesive curing.
4. This system is designed to be used at room temperature (68° F - 77° F, 20° C - 25° C).
  - Storage between 2°C-7°C/35°F-45°F
  - Light Sensitive
5. Shelf-life with refrigeration is per the expiration date on the kit box. Rotate inventory to optimize shelf life.

Made in U.S.A.

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