



# ALPHA-GLAZE®

## COMPOSITE SURFACE SEALANT

LIGHT CURE



### Description

**Alpha-Glaze®** Surface Sealant is a light cure fluoride containing unfilled methacrylate-based resin with low viscosity used as a finishing sealant for composite and resin cements. It is formulated to penetrate and seal the micro-cracks and surface imperfections that are created by finishing procedures.

### Indications for Use:

- Seals composite restoration surfaces
- Increases surface hardness.
- Increases the resistance to wear.
- Seals tooth surface that helps protect the enamel and makes paste clean up easier prior to applying Orthodontic Appliances.

### Contraindications:

**Alpha-Glaze®** Surface Sealant is contraindicated in patients with a history of severe allergic reaction to methacrylate resins.

### Warning:

Avoid contact of etchant with soft tissue, eyes and skin.

### General Precautions:

1. U.S. Federal Law restricts this device to sale by or on the order of a dentist.
2. Review instructions and MSDS 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:

#### 1.0 Finishing Sealant for Composite and Resin Cements

- 1.1 Following the final adjustment, contouring, finishing and polishing of the composite restoration, rinse the tooth completely to remove all debris
- 1.2 If using **Alpha-Etch37®**, etch the restoration surface and approximately 1-2mm of the surrounding enamel for 15 seconds. For full coverage restorations, etch the entire surface of the restoration.
- 1.3 Rinse the etchant thoroughly with water. Dry the tooth and restoration with oil and moisture-free air.
- 1.4 Place small amount of **Alpha-Glaze®** Surface Sealant in a mixing well. Using a clean brush tip, apply a thin layer to the previously etched tooth and restorative surfaces.
- 1.5 Using a high light-curing unit with a minimum output of 600 mW/cm<sup>2</sup>, light cure **Alpha-Glaze®** Surface Sealant for 20 seconds. Check occlusion. Typically, the occlusion will not require adjustment due to the minimal film thickness of **Alpha-Glaze®** Surface Sealant.

#### 2.0 Finishing Sealant for Orthodontics

- 2.1 Prophylaxis the tooth structure to be bonded, rinse thoroughly and dry the teeth.
- 2.2 If using **Alpha-Etch37®**, etch the tooth surface to be bonded, rinse thoroughly and dry the teeth.
- 2.3 If using Orthodontic Bonding resin or Booster, it should be applied at this step as instructed before proceeding.
- 2.4 Using a brush, apply a thin layer of **Alpha-Glaze®** onto the dry labial surface.
- 2.5 Light cure **Alpha-Glaze®** for 20 seconds.
- 2.6 Tooth is ready for bonding of appliance.

### Storage:

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 expiration date.



