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GLASSFill Instructions for Use

[GlassFill](#) is excellent for restoring cervical erosion areas, root caries and Class III & V cavities. It is also indicated for fissure filling and restoring deciduous teeth. It can be used alone or with a composite overlay, and it can be used as a liner in conjunction with composite restorative materials for anterior restorations (the "sandwich" technique). Its index of refraction matches that of structure which prevents the shine-through or matte-white effect.

Mixing Information:

- Mixing Ratio: 2.5-2.63g powder : 1 g liquid at 22 degrees C, or 1 scoop powder : 1 drop liquid
- Minimum Ratio: 2 scoops powder : 2 scoops liquid (or multiples thereof)
- Mixing Time: 30 seconds
- Working Time: 2 minutes
- Initial Setting Time: 4 1/2 minutes
- Ready to Polish: 7 minutes from beginning of mix.

Please Note: The above times are based on normal room temperature (72°F, 22°C). Warmer or cooler conditions may alter these times. If possible, use product at normal room temperature.

Mixing Instructions:

1. Prior to measuring powder, gently shake or invert powder bottle several times to fluff powder.
2. Place two or more level scoops of powder into three equal piles.
3. Dispense two or more drops of liquid on the mixing pad by holding bottle vertically and gently squeezing. Release pressure after each drop and gently squeeze again to dispense next drop. Wipe tip clean and replace cap. Drops of liquid must equal scoops of powder.
4. Use plastic spatula and incorporate one-third of the [GlassFill](#) powder at a time into the liquid. Mix for 30 seconds with a flattening action to a homogenous, composite-like consistency.

Instructions for Use:

1. Prepare cavity in usual manner. Prepare and clean stained enamel with pumice or oil-free paste. Dovetail preparation for mechanical retention.

2. Use rubber dam to isolate treatment area from moisture or saliva contamination.
3. Place Pulpdent Cavity Liner or other calcium hydroxide liner in deep areas only.
4. Apply Pulpdent Bond Conditioner with a cotton or sponge pledget onto all exposed dentin surfaces for 10 seconds or etch dentin and enamel with [Etch-Rite](#) (38% phosphoric acid gel) in accordance with instructions for use. Wash and dry.
5. Mix [GlassFill](#) according to mixing instructions above.
6. Place GlassFill on prepared tooth and contour. This procedure is similar to that used for restorative composites and silicates. When using stainless steel matrix bands, first coat them lightly with Vaseline. Plastic matrix can also be used. Initial setting time is 7 minutes after mix.
7. Wait 10 minutes after placing [GlassFill](#) before finishing and polishing with a fine diamond or other rotary instrument.
8. Cover [GlassFill](#) with glass ionomer varnish.

Instructions for Fissure Filling:

Open fissures to a depth of 2mm. Remove all caries. Wash and dry treatment site. Fill fissures following instructions above.

Precautions:

GlassFill liquid contains polyacrylic acid. Avoid contact with eyes. If eye contact is made, wash eyes with copious amounts of water. See your physician immediately if required.

Wash and clean [GlassFill](#) from instruments immediately after use. Wipe dry with clean towel.

Keep powder and liquid bottles tightly covered when not in use. Store in cool dry area.

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