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SELF-ETCHING ADHESIVE SYSTEM INSTRUCTIONS FOR USE

Frog self-etching adhesive system is a light-curing self-etching bonding system, consisting of primer and bond. The self-etching primer can be used on both dentin and enamel. Frog is available in a bottle and undose system.

COMPOSITION:

PRIMER

Phosphoric acid ester monomer
2-hydroxyethyl methacrylate (HEMA)
Dimethacrylate monomer
Water
Photoinitiators
Stabilizer

BOND

Phosphoric acid ester monomer
2-hydroxyethyl methacrylate (HEMA)
Dimethacrylate monomer
Silicon dioxide filler
Photoinitiators
Stabilizer

INDICATIONS:

- I) Direct filling restorations using light-cured composite and compomers.
- II) Bonding of indirect restorations with indicated resin cement.
- III) Composite, porcelain, and hybrid ceramic restoration repairs.
- IV) Sealing exposed root surfaces causing hypersensitivity.
- V) Cavity sealing prior to placement of indirect restorations.

Preparation:

Isolation techniques must be used to prevent contamination. Rubber dam is the preferred mode of isolation. In cases where pulp protection is necessary, use a calcium hydroxide liner.

Notes on bottle system:

Dispense PRIMER and BOND just before use – use within 3 minutes of dispensing. When not in use replace bottle caps tightly.

I) Direct filling restorations using light-cured composite and compomers.

A conservative cavity should be prepared, employing standard techniques. Remove excess water. Keep moist. Avoid contamination e.g. saliva.

1. Apply PRIMER to saturate all internal cavity surfaces. Leave in place for 20 seconds.
2. Blow gently with dry, oil-free air.
Leave surface glossy. NOTE: Avoid pooling of PRIMER.
3. Apply BOND to the primed surface.
4. Using a gentle oil-free air stream, ensure that the BOND layer is as uniform as possible. NOTE: a too vigorous air-stream will over-thin the BOND layer, resulting in poor adhesion.
5. Light-cure for 10 seconds.
6. Apply composite, such as Ice, Rok or Wave according to manufacturer's instructions.

II) Bonding of indirect restorations with indicated resin cement.

1. Apply PRIMER to saturate all tooth bonding surfaces. Leave in place for 20 seconds.
2. Blow gently with dry, oil-free air.
Leave surface glossy. NOTE: Avoid pooling of PRIMER.
3. Apply BOND to the primed surface.
4. Using a gentle oil-free air stream, ensure that the BOND layer is as uniform as possible. NOTE: a too vigorous air-stream will over-thin the BOND layer, resulting in poor adhesion.
5. Light-cure for 10 seconds.
6. Apply appropriate self-cure resin cement to restorative according to manufacturer's instructions and seat restoration.

III) Porcelain, and hybrid ceramic restoration repair.

1. Sand blast restoration surface to be repaired.
2. Etch restoration surface with appropriate hydrofluoric acid gel, wash and dry.
3. Apply a silane primer according to manufacturer's instructions.
4. Apply PRIMER to restoration surfaces to be repaired. Leave in place for 20 seconds.
5. Blow gently with dry, oil-free air.
Leave surface glossy. NOTE: Avoid pooling of PRIMER.
6. Apply BOND to the primed surface.
7. Using a gentle oil-free air stream, ensure that the BOND layer is as uniform as possible. NOTE: a too vigorous air-stream will over-thin the BOND layer, resulting in poor adhesion.
8. Light-cure for 10 seconds.
9. Apply composite, such as Ice, Rok or Wave according to manufacturer's instructions.

IV) Sealing exposed root surfaces causing hypersensitivity and;

V) Cavity sealing prior to placement of indirect restorations.

1. Apply PRIMER to saturate all surfaces to be sealed. Leave in place for 20 seconds.
2. Blow gently with dry, oil-free air.
Leave surface glossy. NOTE: Avoid pooling of PRIMER.
3. Apply BOND to the primed surface.
4. Using a gentle oil-free air stream, ensure that the BOND layer is as uniform as possible. NOTE: a too vigorous air-stream will over-thin the BOND layer, resulting in poor adhesion.
5. Light-cure for 10 seconds.

6.(i) Sealing exposed root: Apply flowable composite, such as Wave (low viscosity), Wave MV (medium viscosity) or Wave HV (high viscosity) according to manufacturer's instructions.

or:

6.(ii) Placement of indirect restorative: Apply appropriate self-cure resin cement to restorative according to manufacturer's instructions and seat restoration.

PRECAUTIONS:

For professional use only.

Keep out of reach of children.

Avoid prolonged contact of Frog components with the skin or oral tissue, as they may cause inflammation of the oral tissues or skin sensitization.

Avoid contact with eyes.

Any persons having known resin allergies should immediately discontinue the use of Frog.

Keep refrigerated until use. Allow product to reach room temperature just before use.

Do not use after expiry date.

Caution : Federal Law restricts this device to sale by or on the order of a dentist.

MSDS available at www.sdi.com.au or contact your regional representative.

FIRST AID:

Eye (CONTACT): Immediately flush eyes for at least 15 minutes. Get medical attention.

Skin (CONTACT): wash thoroughly with soapy water. If irritation (redness, rash, blistering) develops, get medical attention.

Ingestion: drink plenty of milk or water and get medical attention.

Inhalation: no adverse reaction is expected for small quantity. If signs / symptoms develop, get medical attention.

Packaging:

- Frog Bottle Kit:

1 x Frog Primer 5mL bottle

1 x Frog Bond 5mL bottle

40 x Points disposable brush applicators

2 x Mixing wells

- Frog Primer 5mL bottle refill

- Frog Bond 5mL bottle refill



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