

## INSTRUCTIONS FOR USE

### PARKELL PRODUCT INFORMATION

### TR-2™ TEMPORARY RESIN CEMENT Stock No. S290, S291, S292

SEE OTHER SIDE  
FOR MSDS SHEET

**CAUTION: U.S. Federal Law restricts the use of this material to licensed professionals.**

### REFRIGERATION IS NOT RECOMMENDED

TR-2™ temporary cement is the first aesthetic resin cement specifically formulated for preparations that have been desensitized and protected with a bonding agent. Unlike conventional temporary resin cements, TR-2 does not form permanent bonds to bonding agents, so the provisional restoration can later be removed.

TR-2 may also be used without a bonding agent. However, because resin is not bacteriostatic, greater care should be taken to disinfect the prep and to assure that the provisional crown margins fit well. Otherwise, leakage may cause discoloration. (If discoloration occurs, remove it before final cementation using pumice and hydrogen peroxide or a prophylaxer.)

Without a bonding agent, TR-2 provides about 20% less retention than TempBond® ZOE.

With a bonding agent or composite core, TR-2 provides about 30% more retention than TempBond ZOE.

**CAUTION:** If you protect the preparation with bonding agent and make the provisional crown directly in the mouth, the crown must be fabricated before the bonding agent is applied. Otherwise the provisional crown will bond to the preparation.

After crown fabrication, clean both the interior of the provisional crown and the prep using a Q-Tip moistened with ethyl alcohol before cementing with TR-2. This will remove any unset resin.

#### DIRECTIONS FOR AUTO-MIXING:

1. **Important:** Remove sealing cap from the dual-barrel cartridge and express a small amount of base and catalyst until they flow equally from both orifices.
2. Attach and lock a mixing tip onto the cartridge and express a small amount of mixed material to confirm good flow and mixture.
3. Cement restoration (see below).
4. Leave used mixing tip in place to serve as cartridge sealer.

#### DIRECTIONS FOR HAND-MIXING:

1. Remove sealing cap from dual-barrel syringe and dispense equal amounts of base and catalyst onto a paper mixing pad. Spatulate until they are fully incorporated.
2. Cement restoration (see below).
3. Carefully wipe the orifices and re-seal cartridge taking care to align the V on the cap with the notch on the cartridge collar. This will assure that the proper plugs fit the holes. (If the plugs are reversed, the cement may set in the syringe.)

#### To cement provisional crowns on teeth that HAVE NOT BEEN SEALED with a bonding agent ...

TR-2 is a slightly resilient cement that tends to adhere to the crown more firmly than to the preparation. This facilitates cleanup before final cementation.

When used without a bonding agent, TR-2 is designed to retain well-fitting crowns on mechanically-retentive preparations. In order to prevent loosening, take care to properly fit provisional restorations. Flexible temps, such as Ion® crowns, should be lined with acrylic or composite before being cemented with TR-2.

- 1) Bleed the cartridge as described in DIRECTIONS FOR AUTO-MIXING.

- 2) Load crown with TR-2 and seat.
- 3) After set (1-2 minutes) clean excess cement from tooth.

#### To cement provisional crowns on teeth that HAVE BEEN SEALED with a bonding agent ...

- 1) If the temporary crown will be made intraorally, fabricate the crown before sealing the prep with the bonding agent. (Otherwise the provisional crown may bond to the bonding agent.)
- 2) Clean preparation and interior of the temporary crown with ethyl alcohol to remove any resin residue from these surfaces. Rinse and dry.
- 3) Apply a thin-film bonding agent to the tooth and cure according to manufacturer's instructions.
- 4) Clean preparation with ethyl alcohol to remove the bonding agent's oxygen-inhibited layer. Rinse and dry.
- 5) TR-2 Temporary Cement adheres only weakly to bonding agents, but if the preparation provides considerable mechanical retention (tall, with parallel walls) it may be enough to cause lock-on. Also TR-2 will bond to the composite in a build-up. To prevent this, retentive preparations or cores may be partially coated with a thin film of KY-Jelly.
- 6) Bleed the TR-2 syringe as described in DIRECTIONS FOR AUTO-MIXING (above).
- 7) Express a small amount of TR-2 into the provisional crown. It is not necessary to fill the entire crown. A bead around the marginal area works best, as it seals the margins without creating excessive retention.
- 8) Seat crown.
- 9) After set (1-2 minutes) clean excess cement from tooth.

#### PRECAUTIONS:

Store in a cool, dry place. Refrigeration is not recommended. **AVOID FREEZING.**

**NOTE:** Work and set times are measured at room and intraoral temperature, respectively. Cool material will be slower.

#### WARNINGS:

This material should **NOT** be swallowed, and is **CONTRAINDICATED** for use on or by persons who are methacrylate sensitive.

#### ORDERING:

**STOCK NO. S290** TR-2 Temporary Cement Kit includes 10ml syringe plus mixing tips  
**STOCK NO. S291** TR-2 Temporary Cement 10ml syringe  
**STOCK NO. S292** 10 mixing tips

#### WARRANTY:

Parkell will replace defective material. **This warranty is in lieu of all warranties of merchantability, fitness for purpose or other warranties, express or implied.** Parkell does not accept liability for any loss or damage, direct, consequential or otherwise, arising out of the use of or the inability to use the product herein described. Before using, the user shall determine the suitability of the product for its intended use and the user assumes all risk and liability whatsoever in connection herewith.

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