4. Rinse the prepared tooth or cavity with a water spray, and dry with air, cotton, or a paper tip.

3. Remove the temporary restoration and thoroughly clean the preparation of any debris. The dental cement consists of a base and catalyst paste packaged in the 3M™ ESPE™ Clicker™ Dispensing System. The paste/paste formulation offers greater convenience over the traditional powder/liquid cement systems. The cement is available in white shade. The Clicker dispensing system contains 3g of material.

**Indications**

Final cementation of:
- Metal and porcelain fused to metal (PFM) crowns and bridges
- Metal inlays and onlays
- Crowns and bridges made with all-alumina or all-zirconia cores such as 3M™ ESPE™ Lava™ or Procera® AllCeram
- Prefabricated and cast post
- Orthodontic bands and appliances
- Porcelain fused to metal (PFM), metal, all-alumina or all-zirconia core restorations on implant abutments

**Precautionary Information for Patients:**

This product contains substances that may cause an allergic reaction by skin contact in certain individuals. Avoid use of this product in patients with known acrylate allergies. If prolonged contact with oral soft tissue occurs, flush with large amounts of water. If allergic reaction occurs, seek medical attention as needed.

This product contains potassium persulfate, which may produce an allergic reaction. Potassium persulfate may trigger an allergic respiratory reaction in certain individuals. This product may not be appropriate for use in those individuals with known sensitivity to sulfites, since a cross-reaction may occur.

This product contains substances that may cause an allergic reaction by skin contact in certain individuals. To reduce the risk of allergic response, minimize exposure to these materials. In particular, avoid exposure to uncured product.

If skin contact occurs, wash skin with soap and water. Use of protective gloves and a no-touch technique is recommended. Acrylates may penetrate commonly used gloves. If product contacts glove, remove and discard glove, wash hands with soap and water for at least 20 seconds until uniform color is achieved. Avoid the incorporation of air bubbles.

**Precautionary Information for Dental Personnel:**

This product contains substances that may cause an allergic reaction by skin contact in certain individuals. To reduce the risk of allergic response, minimize exposure to these materials. In particular, avoid exposure to uncured product.

If skin contact occurs, wash skin with soap and water. Use of protective gloves and a no-touch technique is recommended. Acrylates may penetrate commonly used gloves. If product contacts glove, remove and discard glove, wash hands immediately with soap and water and then re-glove. If allergic reaction occurs, seek medical attention as needed.

3M SDS information can be obtained from www.3M.com or contact your local subsidiary.

**Instructions for Use**

**Preparation**

1. Prepare teeth using accepted clinical guidelines.
2. Cover areas in close proximity to the pulp by applying small amounts of hard-setting calcium hydroxide material or resin-modified glass ionomer liner (e.g., 3M™ ESPE™ Vitrebond™ Light Cure Glass Ionomer Liner/Base) prior to taking an impression for the final restoration.
3. Remove the temporary restoration and thoroughly clean the preparation of any temporary cement residue using an oil-free pumice paste.
4. Rinse the prepared tooth or cavity with a water spray, and dry with air, cotton, or a paper tip.
5. Leave tooth surface moist. Do not over dry.
7. Try in final restoration and check for fit. Adjust if necessary.
8. Sandblast the bonding surface of the restoration with Al₂O₃ (50 µm, 2 bar, 1 min).
9. Thoroughly clean the bonding surface of the restoration.
10. Keep area isolated from blood and saliva contamination during cementation process.

**Directions**

**1. Application**

1.1. Remove cap from the Clicker dispenser by holding down the cap lever and sliding the cap off of the dispenser.
1.2. For first time use from a new cartridge, dispense a small amount of material to ensure even dispensing. Discard this material.
1.2.1. To ensure even dispensing for each consequent use, dispense a small amount of material and discard. If the Clicker dispenser does not dispense evenly, check dispenser opening for blockage, remove any paste plugs.
1.3. Fully depress clicker lever to dispense "1 Click" of cement onto mix pad. Allow paste to fully extrude, then release lever. Repeat dispensing process for additional material. The paste is automatically dispensed in equal volumes. (The actual weight ratio dispensed is 1.3:1)

2. **Storing The Used Clicker Dispenser**

2.1. Wipe the dispenser tips clean, independently of one another with gauze or tissue to prevent cross contamination of the two pastes.

2.2. Replace cap by sliding onto dispenser until securely latched and an audible click is heard.

2.2.1. Check to ensure that the cap is securely attached to the dispenser by pulling on the cap.

2.2.2. If cap removes when pulled on, repeat steps 2.2 and 2.2.1 until the cap does not remove when pulled on. This ensures that the cap is properly attached to the dispenser.

3. **Mixing The Cement**

3.1. **Note:** Dispense and mix the cement immediately to avoid water evaporation and drying out of the cement pastes.

3.2. Using a plastic or metal cement spatula, mix the pastes together for 20 seconds until a uniform color is achieved. Avoid the incorporation of air bubbles.

3.3. The working time of the mixed cement is 2.5 minutes at 23°C/73°F. Higher temperatures and longer mix times may shorten the working time. Lower temperatures will lengthen the working time.

3.4. Apply a thin layer of cement to the inside surface of the restoration. The cement may also be applied directly to the tooth surface for inlay/onlay restorations.

3.5. Seat the restoration with light pressure. Maintain light pressure on the restoration to hold proper positioning during setting process.

4. **Clean Up and Finishing**

4.1. Excess cement is best removed after brief light exposure (5 seconds per surface with a conventional polymerization device) or during self-curing waxy stage (starting 2 minutes after seating in the mouth). Use a suitable instrument (e.g., scaler, explorer) for this process.

4.2. Finish restoration and check occlusion when material has completely set after 5 minutes from placement in the mouth.

**Storage and Use**

This product is designed to be used at room temperature. If stored in cooler allow product to reach room temperature prior to use. Shelf life at room temperature is 24 months. Ambient temperatures routinely higher than 27°C/80°F may reduce shelf life. See outer package for expiration date.

Do not allow the pastes to dry out. Store with cap securely attached to the dispenser.

**Cleaning and Disinfection**

Clean and disinfect this product using an intermediate level disinfection process (liquid contact) as recommended by the Centers for Disease Control and Prevention. Summary of Infection Prevention Practices in Dental Settings: Basic Expectations for Safe Care. Atlanta, GA: Centers for Disease Control and Prevention, US Dept of Health and Human Services; October 2016.

**References:**


**Disposal** — See the Safety Data Sheet (available at www.3M.com or through your local subsidiary) for disposal information.

**Customer Information**

No person is authorized to provide any information which deviates from the information provided in this instruction sheet.

**Caution:** U.S. Federal Law restricts this device to sale or use on the order of a dental professional.

**Warranty**

3M ESPE warrants this product will be free from defects in material and manufacture. 3M ESPE MAKES NO OTHER WARRANTIES INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. User is responsible for determining the suitability of the product for user’s application. If this product is defective within the warranty period, your exclusive remedy and 3M ESPE’s sole obligation shall be repair or replacement of the 3M ESPE product.

**Limitation of Liability**

Except where prohibited by law, 3M ESPE will not be liable for any loss or damage arising from this product, whether direct, indirect, special, incidental or consequential, regardless of the theory asserted, including warranty, contract, negligence or strict liability.
<table>
<thead>
<tr>
<th>Reference Number &amp; Symbol* Title</th>
<th>Symbol</th>
<th>Description of Symbol</th>
</tr>
</thead>
<tbody>
<tr>
<td>5.1.1 Manufacturer (Fabricant)</td>
<td>![image]</td>
<td>Indicates the medical device manufacturer, as defined in EU Directives 90/385/EEC, 93/42/EEC and 98/79/EC. Indique le fabricant du dispositif médical, tel que défini dans les Directives européennes 90/385/CEE, 93/42/CEE et 98/79/CE.</td>
</tr>
<tr>
<td>5.1.2 Authorized representative in the European Community (Représentant autorisé dans l'Union européenne)</td>
<td>![image]</td>
<td>Indicates the Authorized representative in the European Community. Indique le représentant autorisé dans l'Union européenne.</td>
</tr>
<tr>
<td>5.1.4 Use-by date (Date limite d'utilisation)</td>
<td>![image]</td>
<td>Indicates the date after which the medical device is not to be used. Indique la date après laquelle le dispositif médical ne peut plus être utilisé.</td>
</tr>
<tr>
<td>5.1.5 Batch code (Code de lot)</td>
<td>![image]</td>
<td>Indicates the manufacturer's batch code so that the batch or lot can be identified. Indique le code de lot d'un fabricant de manière que ledit lot puisse être formellement identifié.</td>
</tr>
<tr>
<td>5.1.6 Catalogue number (Référence catalogue)</td>
<td>![image]</td>
<td>Indicates the manufacturer's catalogue number so that the medical device can be identified. Indique la reference catalogue du fabricant de manière à ce que le dispositif médical puisse être formellement identifié.</td>
</tr>
<tr>
<td>5.3.7 Temperature limit (Limite de température)</td>
<td>![image]</td>
<td>Indicates the temperature limits to which the medical device can be safely exposed. Indique les limites de température entre lesquelles le dispositif médical peut être exposé en toute sécurité.</td>
</tr>
<tr>
<td>5.4.2 Do not re-use (Ne pas réutiliser)</td>
<td>![image]</td>
<td>Indicates a medical device that is intended for one use, or for use on a single patient during a single procedure. Indique qu'un dispositif médical ne peut être utilisé qu'une seule fois ou sur un seul patient durant un seul traitement.</td>
</tr>
<tr>
<td>5.4.4 Caution (Attention)</td>
<td>![image]</td>
<td>Indicates the need for the user to consult the instructions for use for important cautionary information such as warnings and precautions that cannot, for a variety of reasons, be presented on the medical device itself. Indique à l'utilisateur qu'il est nécessaire de consulter les précautions d'emploi pour toute information importante liée à la sécurité, comme les avertissements et précautions à prendre qui, pour diverses raisons, ne peuvent figurer sur le dispositif lui-même.</td>
</tr>
</tbody>
</table>

* Symbols from ISO 15223-1 Medical devices – Symbols to be used with medical devices labels, labelling and information to be supplied – Part 1: General Requirements

* Symboles du ISO 15223-1 Dispositifs médicaux — Symboles à utiliser avec les étiquettes, l'étiquetage et les informations à fournir relatifs aux dispositifs médicaux — Partie 1: Exigences générales

3M ESPE Customer Care/MSDS Information:
U.S.A. 1-800-634-2249 and Canada 1-888-363-3685.

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