

3M ESPE

RelyX™

Ceramic Primer

ENGLISH

General Information

RelyX™ Ceramic Primer, manufactured by 3M ESPE, is a patented alcohol solution of a stabilized, active silane coupling agent. It can chemically unite with porcelain surfaces to give an improved, more water-resistant bonding of dental adhesives.

Indications

- RelyX Ceramic Primer is designed to improve the bonding of dental adhesives to porcelain and metals

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, remove the product if necessary and discontinue future use of the product.

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.

Please refer to precautions listed in the adhesive and restorative systems used with RelyX Ceramic Primer.

3M ESPE MSDSs can be obtained from www.mmm.com/MSDS or contact your local subsidiary.

Hazardous Information

RelyX Ceramic Primer is flammable. Refer to MSDS.

Instructions for use

Preparation

1. For porcelain repairs, determine the cause of failure. Failures resulting from a structural deficiency or excessive occlusion should be corrected.
2. Select the appropriate shade of 3M ESPE restorative using normal color matching procedures.
3. Isolate the porcelain facing or crown to be repaired. A rubber dam is the preferred method of isolation.
4. Thoroughly prophylax the teeth to be repaired with a slurry of plain pumice and water.
5. Porcelain Preparation: Use a diamond to remove all weakened porcelain and roughen the surfaces to be bonded. Bevel the margin and remove 1 mm of surface glaze beyond the margin.
6. Metal Preparation: Roughen any areas of exposed metal. Do not remove retention beads if present. Provide as much mechanical retention as possible.

Directions

1. Use phosphoric acid etchant, such as Scotchbond™ etchant to clean the prepared porcelain and any exposed metal surfaces. Apply the etchant to these surfaces. Wait 15 seconds. Rinse thoroughly for 15 seconds. Dry with air that is oil and water free.
2. Porcelain and metal priming: Using a brush or mini-sponge apply RelyX Ceramic Primer to the prepared surface and dry. Note: For best results, repeat etching and priming steps when the primed porcelain or metal surfaces become contaminated with anything.
3. Adhesive Application: With a brush or mini-sponge apply a uniform coating of adhesive to the primed porcelain and metal surfaces.
4. Adhesive Curing: Cure the adhesive by exposure to light from a 3M ESPE light curing unit or other dental visible light curing unit of comparable intensity. Cure each area for the time specific in the adhesive instructions.
5. Mask any exposed metal surfaces. Cure the masking agent.
6. Place and cure the appropriate shade of 3M ESPE restorative material. Refer to separate instructions for placement and cure of the specific restorative product.
7. Finishing: Finish and polish according to restorative product instructions.

8. Occlusion: Carefully adjust occlusion to minimize stress on the repair. Note: In the course of a porcelain repair, if any enamel and/or dentin surfaces are exposed, they must be prepared for bonding. Refer to the instructions pertaining to the chosen adhesive.
9. Porcelain Veneers: Apply RelyX Ceramic Primer to the internal (etched) surfaces of the veneers. To a clean, etched surface, one application is sufficient. Gently blow oil-free air across the surface or allow the solvent to evaporate completely.
10. Proceed with try-in and bonding of the veneers using the 3M ESPE adhesive and luting material of choice.

Storage and use:

1. 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 36 months. Ambient temperatures routinely higher than 27°C/80°F may reduce shelf life. See outer package for expiry date.
2. Do not store this product in proximity to eugenol containing materials.
3. If reusing brushes, disinfect and clean brushes using an intermediate level disinfection process (liquid contact) as recommended by the Center for Disease Control and endorsed by the American Dental Association, Guidelines for Infection Control in Dental Health-Care Settings –2003 (Vol. 52; No. RR-17), Center for Disease Control and Prevention.

Disposal – See the Material Safety Data Sheet (available at www.mmm.com/MSDS 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: US 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.

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

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