

Geristore Multi-Shade

CE 0459

Multi-Use, Resin Ionomer, Dual-Cure

U.S. Patents: 5,360,770; 5,876,743; 5,683,249; 5,334,625



Geristore® is a fluoride-releasing, radiopaque, hydrophilic restorative material. It is available in various shades. **Geristore's** physical properties include low cure shrinkage, low coefficient of thermal expansion, and high strength. The material aggressively bonds to dentin, enamel, composite, porcelain, and even metal, including stainless steel. The paste/paste formulation is easy to mix and the dual-cure formulation assures the integrity of the restoration in areas difficult to light-cure.

DIRECTIONS

SURFACE PREPARATION

1. Clean tooth surface(s) thoroughly.
2. Surface preparations:
 - a. DENTIN and ENAMEL: For maximum bond strengths, the **Tenure**® Multi-Purpose Bonding System should be applied prior to **Geristore**®.
 - b. COMPOSITE/METAL: Roughen the surface with a diamond or a sandblaster. Thoroughly wash and air dry. Apply **Dry Bond** to degrease and assure a clean, dry surface.
3. Isolate the teeth.
4. Select the appropriate **Geristore**® B shaded paste. Optimum shading is achieved with 50/50 mix of **Geristore**® A and B paste shades.
5. Prior to drawing **Geristore**® Paste A, briefly stir paste in jar. Place equal amounts of **Geristore**® A and B pastes onto mixing pad. Mix well with a plastic mixing stick (do not use metal) until a smooth homogeneous paste is obtained.

DIRECT RESTORATIONS

(Class V's, Intermediate Fillings, Temporary Cusps)

1. Load **Geristore**® mixture (see step 4 – 5, above) into a Centrix Syringe Tip and place the loaded tip in Centrix Syringe Gun. Material will reach final cure in 3-4 minutes from beginning of mix. Working time is 1.5 – 2 minutes unless light-cured.
We recommend that you use the curing rings provided to determine the proper curing time for your light.
 - a. Place the composite into the well of the ring, and then level the composite.
 - b. Position the light guide approximately 2 to 5 mm from the surface of the ring.
 - If you are using a **Sapphire**® Plasma Arc Curing Light, start with 5-second intervals.

- If you are using an **Allegro High-Intensity LED** or **Phase II High-Speed Halogen Light**, start with a 10-second interval.
 - If you have a conventional halogen light, start with 30 seconds.
- c. Use a dental probe to check the underside for completeness of cure.
 - d. If necessary, repeat the curing cycle until the underside of the sample is completely cured.
 - e. Maintain a log showing the time necessary to cure your favorite composites, including their shades.
2. Finishing: For esthetic areas, apply a thin layer of **Virtuoso**® Flowable Clear (No.030381827) and light cure. Finish with 12 or 30 fluted bur and polish with **Porcelain Laminate Polishing Paste**.

CEMENTING INDIRECT RESTORATIONS

(Metal and PFM Crowns, Inlays, Onlays, Bridges)

Note: For Maryland Bridges and other restorations with little or no mechanical retention, we recommend applying the **Tenure**® System to dentin or enamel prior to the application of **Geristore**®.

1. Using a plastic instrument, coat tooth surface(s) and prepared bonding surface of indirect restorative with the **Geristore**® mixture. Seat the restorative, noting excess **Geristore**® escaping from all margins.
2. Take care not to disturb the restoration. Remove the excess after gel time (approximately 2 minutes) but before final cure (3-4 minutes from time of mix).
3. After the final set (approximately 3-4 minutes), finish the margins with a fine diamond or a 12 or 30 fluted bur.

BASE AND LINER

1. Apply **Geristore**® mixture to dentin surfaces and light-cure. Refer to **DIRECT RESTORATIONS** section for curing times.
2. Finish the restoration with **Virtuoso**® Packable Composite or take impression for indirect restorative. **Geristore**® is compatible with any Bis-GMA based restorative.

ORTHODONTIC APPLIANCES

1. For brackets, apply **Tenure**® Multi-Purpose Bonding System (No. 031146000) to the enamel. Coat the **Geristore**® mixture onto the bracket and seat the bracket. Remove excess with sable brush dipped in **Visar Seal**® Dab-Eze® (No. 0062) or **Tenure**® S Dab-Eze® (No. 031145201).
2. For bands, apply **Tenure** to the inside surface of the band and the enamel. Coat the inside surface of the band and the tooth with **Geristore** mixture and slide the band into place. Remove excess with a sable brush dipped in **Visar Seal**® Dab-Eze® or **Tenure**® S. **Geristore**® is compatible with any esthetic orthodontic hardware (porcelain, acrylic or plastic).
3. Light-cure. Refer to **DIRECT RESTORATIONS** section for curing times.

STORAGE

Do not expose to temperatures exceeding 75° F (24° C).
Do not expose to direct sunlight.
Do not freeze.
Return to room temperature prior to use.
Refrigerate for maximum shelf life.

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LIMITED WARRANTY

Den-Mat will replace, or refund the purchase price, of any of its products that are proven to be defective within 30 days of the purchase date. Replacement of defective goods, or refund of the purchase price, shall be the exclusive remedy for the user. Den-Mat will not be liable for any economic, incidental, or consequential loss or damage that arises out of the use of, or the inability to use, its products.

This limited warranty is in lieu of all other warranties, expressed or implied, and shall be void if the product is improperly stored or used. There are no implied warranties of merchantability, fitness for a particular purpose, or otherwise. Before using this product, the user shall determine whether it is suitable for the intended use and the user shall assume all risk and liability associated therewith.

TELEPHONE INQUIRY SERVICE

Technical consultation is available by calling toll-free in the U.S.A. and Canada.

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service, technical (800) 445-0345

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Domestic fax ordering
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