

## STORAGE

Refrigerate Infinity for maximum shelf life.

**Do not** expose to temperatures exceeding 77° F (25° C).

**Do not** expose to direct sunlight.

**Do not** freeze.

Bring to room temperature before use.

## LIMITED WARRANTY

DenMat 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. DenMat 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.

## DENMAT CUSTOMER SUPPORT

U.S. and Canada.....800-433-6628

U.S. and Canada Fax Orders and Inquiries.....800-233-6628

International Inquiries.....805-347-7990

International Fax Orders and Inquiries: .....805-347-7983

Website .....denmat.com

## SAFETY DATA SHEETS AVAILABLE AT [denmat.com](http://denmat.com)

Symbols Glossary available at:  
[denmat.com/symbols](http://denmat.com/symbols)



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## Infinity Fluoride-Releasing Resin-Ionomer Cement

*Infinity is also available in an easy-to-use, auto-mix syringe that delivers the ideal mixing ratio every time.*



**Refrigerate For  
Maximum Shelf Life**



Infinity® is a multi-purpose, dual-cure adhesive resin cement that is insoluble, releases fluoride, and is radiopaque. Infinity is recommended for all-porcelain, metal and ceramo-metal crowns and bridges; inlays and onlays; posts; and orthodontic bands and brackets. **Infinity is not recommended for veneers.**

**CAUTION:** Wear protective gloves while using this product.

**CAUTION:** Wear eye protection while using this product.

**CAUTION:** Infinity® has not been studied in children, pregnant or breast-feeding women.

## DIRECTIONS

**Note:** Remove Infinity from the refrigerator at least 60 minutes before use to allow it to come to room temperature.

1. Clean the tooth surfaces thoroughly.
2. Prepare the selected applicable surfaces.
  - a. **Enamel:** Infinity Syringeable is self-adhesive. For maximum retention when bonding to enamel with minimal bonding surface area, we recommend etching and bonding with Tenure® A and B bonding agent (Kit No. 031146000).
  - b. **Dentin:** For maximum retention for restorations with minimal bonding surface area, or restorations without mechanical retention, we recommend bonding with Tenure A and B bonding agent (Kit no. 031146000).

### Tenure A/B Bonding Instructions

- i. Apply Etch 'N' Seal® for 10-15 seconds.
  - ii. Rinse thoroughly and gently dry.
  - iii. Mix together equal portions of Tenure A and B in a dappen dish. Apply 3-5 coats of the mixed Tenure A and B, or until glossy. Gently air-dry for 10 seconds.
- a. **Composite:** Roughen the surface with a diamond bur or by sandblasting. Thoroughly wash and air-dry the surface.
  - b. **Metal:** Roughen the surface with a diamond bur or by sandblasting. Thoroughly wash and air-dry the surface. For cast metal restorations, no further preparation is required, other than the preparation provided by the laboratory.
3. Isolate the area with retractors, a rubber dam, or cotton rolls.
  4. Using opposite ends of a plastic instrument (avoid cross-contamination of initiator and shaded paste), briefly stir pastes in their jars and then place equal measures of

Infinity A Initiator and Infinity B Paste onto a mixing pad. Mix well with a plastic mixing stick (**do not** use metal) for about 20 seconds.

**Note:** If a cavity preparation is deep, curing exposure times must also be increased due to beam divergence and angular placement of the light transmitting element to the restoration. An incremental filling technique is recommended and each increment should be fully cured prior to applying additional layers.

General guidelines for curing light unit exposure times. See manufacturer's instructions. ALWAYS bench test restorative materials before use in vivo.

- Curing lights with power density greater than 800 mW/cm<sup>2</sup>, cure the buccal and lingual with 10 second exposures for each area.
- Curing lights with power density less than 800 mW/cm<sup>2</sup>, cure the buccal and lingual for 20 second exposures for each area.
- Curing lights with power density less than 300 mW/cm<sup>2</sup> should not be used to cure.