STORAGE

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.

RELATED PRODUCTS AVAILABLE FROM DEN-MAT

Description	Kit Number
Etch'N'Seal® Kit	030402550
Infinity® Syringeable Kit	039670100
Infinity® Syringeable Value Kit	039680100
Sapphire® Plus Plasma Arc Curing Light	033968000
Tenure® Multi-Purpose Bonding System	031146000
Auto-mixing tips/10 pc	030795525

SAFETY DATA SHEETS AVAILABLE AT denmat.com

FOR MORE INFORMATION:

800-433-6628

International
+1-805-347-7990

Symbols Glossary available at: denmat.com/symbols

EC REP
MDSS GmbH
Schiffgraben 41
30175 Hannover, Germany

Den-Mat Holdings, LLC
1017 W. Central Avenue
Lompoc, CA 93436 USA

Infinity®

Infinity Syringeable

Dual-Cure Resin-Ionomer Cement

DenMat

Store Under Refrigeration

Infinity® Syringeable is a multi-purpose, dual-cure self-adhesive resin-ionomer cement that is insoluble, releases fluoride, and is radiopaque. Infinity Syringeable is recommended for all-porcelain, metal and ceramo-metal crowns and bridges, inlays and onlays, posts, and orthodontic bands and brackets.

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

1. Clean the tooth surfaces thoroughly.
2. Prepare the selected surface as indicated.
   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 of 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 and B Bonding Instructions (If refrigerated, bring Tenure to room temperature and shake vigorously before use).

      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.

      OPTIONAL: Apply one thin coat of Tenure S Enhancer and light-cure.
   c. COMPOSITE: Roughen the surface with a diamond bur or by sandblasting. Thoroughly wash and air-dry the surface.
   d. METAL: To re-seat old restorations, roughen the internal 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. Prepare the auto-mix syringe:
   a. Align the straight edge of the auto-mix housing with the syringe flange.
   b. Push the mixing tip onto the syringe and turn 900 clockwise until it stops.
   c. Attach the intraoral tip firmly.

Important: You must extrude a pea-sized amount of material after placing the mixing tip on the syringe and discard this material. This is critical to ensure that Infinity Syringeable sets properly. Repeat this each time a mixing tip is placed on the syringe.

4. Dispense Infinity onto the restoration or for inlays directly onto the tooth. Remove the auto-mixing tip and place the cap back on the syringe.
5. Seat the restoration.

   Allow the restoration to set for 2-3 minutes, then remove any excess material. Or, firmly press down and hold the restoration while you use a curing light, briefly light-cure the excess material until it reaches gel consistency for easy removal.
6. Remove any excess Infinity with an instrument or floss.
7. Ask the patient to bite and hold for another 5 minutes before you dismiss them.
8. For porcelain restorations and composite resin indirect restorations, Infinity can be light-cured. We recommend that you use the curing rings provided to determine the proper curing time for your curing light.

Due to variations in the performance characteristics of light curing units ALWAYS bench test restorative materials before use in vivo. Curing test rings are provided for this purpose.

a. Fill the 2mm deep well of the test ring and level material.
b. Position the light transmitting element perpendicular to and approximately 2mm-5mm above the top surface of the ring.
   - With Sapphire PAC lights (all models) start with 5 second exposures.
   - With Flashlite LED lights (all models) start with 10 second exposures.
   - For all other curing lights; halogen, LED and other refer to the manufacturer instructions. A minimum of 10-30 seconds is recommended.
c. Use a dental probe to scrape test the hardness of the top and bottom surfaces. The bottom surface should be as hard as the top surface.
d. If the bottom surface is not completely cured repeat steps (b) to (c). Repeat until the bottom surface is completely cured.
e. Maintain a log including material, shade and associated curing exposure time. Use the log to monitor system performance.