

HIGH VISCOSITY LIGHT CURED RESIN REINFORCED GLASS IONOMER RESTORATIVE MATERIAL INSTRUCTIONS FOR USE

Riva Light Cure HV (High Viscosity) is the ideal radiopaque, resin reinforced glass ionomer restorative material. With excellent tooth adhesion, sustained fluoride release, high compressive strength and command set, Riva Light Cure HV is useful for a wide range of restorative applications.

INDICATIONS FOR USE:

1. Minimal Class I restorations
2. Non-functional Class II restorations
3. Class V restorations
4. Deciduous teeth restorations
5. Geriatric restorations
6. Partial core build-ups
7. Root surface restorations
8. As a base using the Sandwich Technique
9. Temporary fillings

CONTRAINDICATIONS:

1. Pulp capping
2. Product may cause skin irritations to some people. In such cases, discontinue use and seek medical attention.

INSTRUCTIONS FOR USE:

PREPARATION:

1. Clean and isolate tooth.
Note: A conservative cavity should be prepared, employing standard techniques and instruments. Undercuts are not necessary.
2. In cases where pulp protection is necessary, use a calcium hydroxide liner.

CONDITIONING / ETCHING:

1. Apply Riva Conditioner to the prepared surfaces and leave in cavity for 10 seconds.
OR
Apply Super Etch 37% Phosphoric Acid to the prepared surfaces and leave in cavity for 5 seconds.
2. Rinse thoroughly with water.
3. Remove excess water. Keep moist. Avoid contamination.
IMPORTANT: Be careful not to completely dry the surface. Surface should be glistening.

PLACEMENT PROCEDURE:

1. Activate the capsule by pushing the plunger until it is flush with the body.
Important: Do not click with applicator before you mix.
2. Immediately place the capsule into the Ultramat 2 amalgamator, or any other suitable mixer (4000-4800rpm), and triturate for 10 seconds.
3. Immediately remove the capsule and place into the Riva Applicator 2.
4. Click the trigger of the Riva Applicator 2 until glass ionomer paste is seen through the clear nozzle. Avoid exposing paste to intense light source.
5. Extrude Riva Light Cure HV into the cavity, careful not to trap air under the restoration. Note: At 23°C/74°F working time will be about 130 seconds (2'10'') from the start of mixing. In situations above this temperature, working times will shorten. Physical properties will be compromised if material is manipulated after this time. Use a layering technique for cavities deeper than 2 mm.
6. Light cure for 20 seconds using the Radium Plus LED curing light or any other visible light-curing device (470 nm wavelength). Place light source as close as possible to the cement surface.

Powder/Liquid ratio (g/g)	0.47/0.14
Mixing time (sec.)	10"
Working time (min., sec.)	2'10''
Light Curing Time (sec)	20"
Depth of Cure (A3) (mm)	2.0
Minimum delivery/capsule	0.13mL

- Test conditions: Temperature (23 ± 1°C), relative humidity (50 ± 10%).
- ISO 9917-2 (E) Class 2: Light-activated radiopaque glass polyalkenoate cement.

7. Finish the restoration using standard techniques. Finishing may be commenced immediately after light curing.
8. Instruct patient not to eat for at least one hour after procedure.

STORAGE AND HANDLING:

Do not remove Riva Light Cure HV capsules from their foil packets until ready to use.

Store at temperatures between 4° and 20°C (39° - 68°F).

For optimum freshness, refrigeration is optional.

Use at room temperature between 20° and 25°C (68° - 77°F).

PRECAUTIONS

For professional use only.

Keep out of reach of children.

Do not use after expiry date.

Caution: Federal Law restricts this device to sale by or on the order of a dentist.

MSDS available at www.sdi.com.au or contact your regional representative.

FIRST AID:

Eye (contact): Wash thoroughly with water and seek medical attention.

Skin (contact): Remove using a cloth or sponge soaked in alcohol. Wash thoroughly with water.

Ingestion: Drink plenty of water/milk. Seek medical attention if symptoms persist.

Inhalation: No symptoms expected.

PACKAGING:

- Available shades: A1, A2, A3, A3.5 and B1.

Shade numbers according to Vita® shade guide.

Vita® is a registered trademark of VITA Zahnfabrik, H. Rauter GmbH & Co. KG, Bad Säckingen, Germany.

- 50 Capsule Refill Boxes

- Assorted Capsule Box

- Riva Capsule Applicator 2

- Riva Conditioner 10mL bottle refill

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