

HIGH VISCOSITY GLASS  
IONOMER RESTORATIVE  
MATERIAL  
INSTRUCTIONS FOR USE

Riva Self Cure HV (High Viscosity) is the ideal radiopaque, self curing conventional glass ionomer restorative material. With excellent tooth adhesion, fluoride release and high compressive strength, Riva Self 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 posterior 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
10. Dentin replacement

**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.
5. Extrude Riva Self Cure HV into the cavity, careful not to trap air under the restoration. Note: At 23°C/74°F working time will be about 90 seconds (1'30'') 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.
6. At the end of the working time, apply Riva Coat to all exposed surfaces of restoration.
7. Light cure for 20 seconds.

Powder / Liquid Ratio (g/g)	0.50 / 0.13
Mixing time (sec.)	10"
Working time (min.,sec.)	1'30"
Initial setting time (min.,sec.)	3'00"
Finishing time @ 37°C from start of mixing (min.,sec.)	5'00"
Minimum delivery / capsule	0.12mL

- Test conditions: Temperature (23 ±1°C), relative humidity (50 ± 10%).  
- ISO 9917-1 : Dental water based cements.

**FINISHING:**

1. Finish the restoration using standard techniques, at least five minutes after the start of mixing.
2. Apply another layer of Riva Coat.
3. Light cure for 20 seconds.
4. Instruct patient not to eat for at least one hour after procedure.

**STORAGE AND HANDLING**

Do not remove Riva Self 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](http://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 and A3.5

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 Boxes

- Assorted Capsule Box

- Riva Conditioner 10mL bottle refill

- Riva Coat 5mL bottle refill

- Riva Capsule Applicator 2

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EC REP

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