



GlasIonomer Cement Version2 IMPROVED

EN Instructions for use

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16370



Manufacturer

SHOFU INC.

11 Kamitakamatsu-cho, Fukuine,
Higashiyama-ku, Kyoto 605-0983,
Japan

SHOFU DENTAL ASIA-PACIFIC PTE.LTD.
10 Science Park Road, #03-12,
The Alpha, Science Park II, Singapore 117684
Singapore

EN

GlasIonomer Cement Version2 IMPROVED is an universal restorative radiopaque glass ionomer cement.

SHADE

Yellow Brown

INDICATIONS

1. Restorations of Class III and Class V cavities and wedge shaped defects
2. Restoration of deciduous teeth and cavity lining
3. Non-load bearing Class I restoration in permanent teeth

PRECAUTIONS

1. Do not use this product on patients with known allergies to this material and/or glass polyalkenoate cements.
2. Operators with known allergies to this material and/or glass polyalkenoate cements must not use this product.
3. If any inflammation or other allergic reactions occur on either the patient or operator while using this product, immediately discontinue use and seek medical advice.
4. Avoid contact with intraoral soft tissue, skin or eyes. In case of accidental contact with intraoral soft tissue or skin, immediately blot with alcohol moistened cotton ball and rinse with plenty of water. In case of contact with eyes, immediately flush the eyes with plenty of water and seek medical advice.
5. This product is intended for use by dental professionals only.

DIRECTIONS FOR USE

1. Cavity preparation
Prepare the cavity following the conventional method.
2. Isolation
Isolate with rubber dam etc.
3. Pulp capping
 - In order to prevent pulp irritation, apply calcium hydroxide to the area around the pulp.
 - In the case where pulp is exposed or the affected area is close to the pulp, cap the pulp with calcium hydroxide etc.
4. Dispensing of Powder and Liquid (standard powder/ liquid ratio: 2.6 g/1.0 g)
Dispense one level scoop of powder onto a paper mixing pad with the measuring scoop provided. Then, dispense one drop of liquid separately.
 - Always use the measuring scoop provided. Level off the powder with the built-in leveller for accurate dosage.

- Invert the liquid bottle prior to use to dispense drops of bubble-free liquid.
- Remove any liquid plugging the opening of the nozzle with wet gauze etc. for accurate measuring.
- Tightly close the caps (Powder, Liquid and cocoa butter) immediately after each use. Use extra caution to keep the powder away from any moisture.

5. Mixing

Divide dispensed powder into 2 equal portions; introduce the first half to the dispensed liquid and mix for about 10 sec. with spatula. Then, add the remaining half and mix until it becomes homogeneous paste.

Room temperature : 23±1 °C (73.4±1.8 °F)

Mixing time : 30 - 45 sec.

Working time (23 °C/73.4 °F) :

2 min and 10 sec. (from start mixing)

Setting time (37 °C/98.6 °F) :

3 min and 40 sec. (from start mixing)

- Do not add extra liquid while mixing to prevent degradation of the performance of this material.

6. Filling and moisture control

Rinse the prepared tooth with water and dry. Then, fill the mixture using an instrument and create the intended shape. When the cement mixture loses luster, apply cocoa butter to the restored area to protect from moisture contamination.

- When using a strip, apply some cocoa butter before placing it.

7. Finishing/polishing

Finish and polish on the next day or later following the conventional method.

NOTE ON USE

1. Cocoa butter might be separated; however, it does not affect the quality of the product.
2. Do not use this product for any purposes other than specifically outlined in the INDICATIONS in these instructions for use.
3. Use this product within the expiration date indicated on the package.
(Example: YYYY-XX → Shelf life: at the end of XX month, YYYY year)

STORAGE

Store at room temperature (1-30 °C/34-86 °F). Avoid high humidity and keep away from direct sunlight.