

GC Fuji VII CAPSULE

Prior to use, carefully read the instructions for use.

RADIOPAQUE GLASS IONOMER PROTECTION AND STABILISATION MATERIAL IN CAPSULES

For use only by a dental professional in the recommended indications.

RECOMMENDED INDICATIONS

1. Fissure protection.
2. Root surface protection.
3. Hypersensitivity prevention and control.
4. Intermediate endodontic sealing.
5. Intermediate restorations.
6. Caries stabilisation.

CONTRAINDICATIONS

1. Pulp capping.
2. In rare cases the product may cause sensitivity in some people. If any such reactions are experienced, discontinue the use of the product and refer to a physician.

DIRECTIONS FOR USE

PINK Shade is command set, WHITE Shade is chemical set only.

Powder / Liquid Ratio (g/g)	0.30 / 0.15
Mixing Time (sec.)	10"
Working Time (min., sec.)	1'40"
Net Setting Time (min., sec.)	2'30"
Final Finishing Commencing Time	6'00"
Final Finishing Commencing Time if light cured (PINK Command set)	4'00"

Test conditions : Temperature (23 ±1°C)

Relative humidity (50 ±5%)

ISO 9917-1 : 2003 (E) (Dental water-based cements) (Restorative cements)

A. FISSURE PROTECTION, ROOT SURFACE PROTECTION, HYPERSENSITIVITY PREVENTION AND CONTROL

1. Preparation of the tooth surfaces (e. g. for fissure protection or root surface protection)

- a) After cleaning the tooth surfaces (prophylaxis with pumice and water) in usual manner, rinse thoroughly with water.

Note:

If extra retention is desired for root surface protection, application of GC CAVITY CONDITIONER (10 seconds) or GC DENTIN CONDITIONER (20 seconds) is recommended.

- b) Dry by blotting with a cotton pellet or gently blowing with an air syringe (Fig. A-1). DO NOT DESICCATE.

Best results are obtained when prepared surfaces appear moist (glistening).

2. Mixing

- a) Before activation, shake the capsule or tap its side 2 or 3 times on a hard surface to loosen the powder (Fig. A-2).
- b) To activate the capsule, push the plunger until it is flush with the main body (Fig. A-3).

- c) Immediately place the capsule into a GC Capsule Applier and click the lever once (Fig. A-4). The capsule is now activated.

Note :

The capsule should be activated just before mixing and used immediately.

- d) Immediately remove the capsule from the applier and set the capsule into a capsule mixer or amalgamator.

Mix for 10 seconds at high speed (approximately 4,000 RPM) (Fig. A-5).

3. Placement

- a) Immediately remove the mixed capsule from the mixer and load it into the GC Capsule Applier.

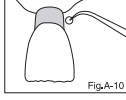
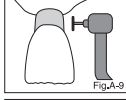
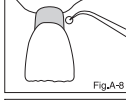
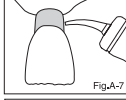
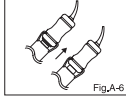
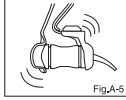
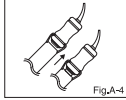
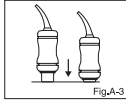
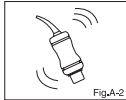
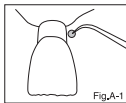
- b) Make two clicks to prime the capsule then syringe (Fig. A-6). The working time is 1 minute 40 seconds from the start of mixing at 23°(73.4°F). Higher temperatures will shorten working time.

- c) Extrude the mixture onto the tooth surface (Fig. A-7) then use a brush to spread a thin film of GC Fuji VII directly over the root surface or hypersensitive area or over the occlusal surface and into the pits and fissures.

Note :

- 1) If a faster set is desired, use a visible light curing device* for 20-40 seconds. Place light source as closely as possible to the cement surface. This function applies only to the PINK Shade. After light cure, it is advisable to protect the surface with a varnish.
- 2) To adjust the direction of the nozzle, hold the applier with the capsule towards you and turn the capsule body.
- 3) To remove the used capsule, push the applier release button. Twist the capsule and pull upwards.

- d) After placement, when the material starts to lose the glossy appearance (or after curing with the light curing device), apply GC Cocoa Butter or GC Fuji VARNISH (blow dry) or GC Fuji COAT LC (light cure) to the sealed area and the margins using a cotton pellet or sponge (Fig. A-8).



- e) Finishing under air water spray can be performed 6 minutes from start of mix (chemically set) or 4 minutes if light cured. Use a superfine diamond bur or a silicone finishing point (Fig. A-9).

- f) Apply GC Cocoa Butter or GC Fuji VARNISH or GC Fuji COAT LC to the area again (Fig. A-10).

Note :

For fissure protection, Steps e and f are not necessary.

B. INTERMEDIATE ENDODONTIC SEALING

1. Cleaning the pulp chamber

- a) After appropriate pulp treatment, clean and gently dry the pulp chamber with an air syringe (Fig. B-1).
- b) Fill the chamber with a cotton pellet (Fig. B-2).

2. Mixing

See directions in A (above), Section 2.

3. Placement

- a) See directions in A, Section 3, a and b.

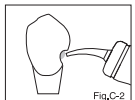
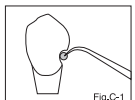
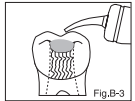
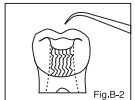
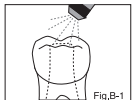
- b) Extrude the mixture directly over the cotton pellet (Fig. B-3).

Note :

If a faster set is desired, use a visible light curing device* for 20-40 seconds. Place light source as closely as possible to the cement surface. This function applies only to the PINK Shade. After light cure, it is advisable to protect the surface with a varnish.

- c) Moisture protection and Finishing

See directions in A, Section 3. d, e and f



C. INTERMEDIATE RESTORATIONS CARIES STABILISATION

1. Cleaning the carious surface

- a) Any loose debris should be carefully removed with hand instruments.
- b) For better retention, it is recommended to gently clean the carious surface with GC CAVITY CONDITIONER for 10 seconds or GC DENTIN CONDITIONER for 20 seconds.
- c) Rinse thoroughly with water. Dry by blotting with a cotton pellet or gently blowing with an air syringe (Fig. C-1). DO NOT DESICCATE. Best results are obtained when prepared surfaces appear moist (glistening).

2. Mixing

See directions in A (above), Section 2.

3. Placement

- a) See directions in A, Section 3, a and b.

- b) Extrude the mixture directly over the prepared lesion or tooth surface (Fig. C-2). Form the contour and if possible cover with a matrix.

Note :

If a faster set is desired, use a visible light curing device* for 20-40 seconds. Place light source as closely as possible to the cement surface. This function applies only to the PINK Shade. After light cure, it is advisable to protect the surface with a varnish.

- c) See directions in A, Section 3. d, e and f.

* NOTE :

The initial set of GC Fuji VII PINK can be accelerated using the energy from a dental halogen light curing device.

SHADE

Pink, White

STORAGE

Store at temperature of 4-25° (39.2-77.0°F)
(Shelf life : 2 years from date of manufacture)

PACKAGE

50 capsules

Average contents per capsule : 0.30g powder and 0.15g (0.12mL) liquid
Minimum net volume of mixed cement per capsule : 0.13mL

CAUTION

1. In case of contact with oral tissue or skin, remove immediately with a sponge or cotton soaked in alcohol. Flush with water.
2. In case of contact with eyes, flush immediately with water and seek medical attention.

US Patent: 6264472 6756421

UK Patent: 2353042 2357773

FRANCE Patent: 2797396 2799954

AUSTRALIA Patent: 768901 775349

MANUFACTURED by
GC CORPORATION
76-1 Hasunuma-cho, Itabashi-ku, Tokyo 174-8585, Japan

DISTRIBUTED by
GC CORPORATION
76-1 Hasunuma-cho, Itabashi-ku,
Tokyo 174-8585, Japan

GC AMERICA INC.
3737 West 127th Street, Alsip, IL 60803 U.S.A.
TEL: +32.16.39.80.50

GC EUROPE N.V.
Research-Park, Interleuvenlaan 13,
B-3001 Leuven, Belgium

GC ASIA DENTAL PTE. LTD.
19 Loyang Way, #06-27 Singapore 508724
TEL: +65 6546 7588