

Product Description:

Prime MTA Packable Material is an endodontic cement composed of three mineral oxides. It is constituted by thin hydrophilic particles. MTA (Mineral Trioxide Aggregate) provides benefits as follows- Particle size allows complete wetting during mixing, good marginal sealing, avoids penetration of tissue fluids in the root canal, closure of furcation perforations, promotes the formation of a dentine bridge when used in pulp capping. Prime MTA Packable can be used in presence of moisture (e.g., closure of root perforation, retrograde filling).

Indications:

1. Root canal lateral and furcation perforations.
2. Internal resorption
3. Retrograde filling
4. Direct pulp capping
5. Apexification

Warning and Precaution:

1. Do not use material in people allergic to calcium silicates.
2. Avoid eye contact to prevent irritation. In case of contact with eyes, rinse immediately with plenty of water and seek medical attention. Avoid skin contact to prevent possible allergic response. Unset material may cause irritation and therefore contact with skin and mucous membrane should be avoided. In case of contact, immediately remove material with cotton and wash thoroughly with water and soap. In case of skin sensitization or rash, discontinue the use and seek medical attention.
3. Do not swallow or take internally. If accidental swallowing occurs, drink lot of water. If nausea or illness develops, seek medical attention.
4. Only open the bottle immediately prior to use.
5. Do not use Prime MTA Packable to fill a root canal.
6. Do not use Prime MTA Packable in areas of the tooth in contact with the gingival sulcus.
7. Do not use Prime MTA Packable during the acute phase of the infection and in oozing canal.
8. Exposure to moisture and elevated temperature during storage will affect the setting time and working time as well as the consistency of the material.

IMPORTANT: This product must be used according to this manual. The successful use of MTA depends on a proper diagnosis, biomechanical preparation of canal and general health of the patient.

Procedure:

1. Use sterile instrument for the insertion of Prime MTA Packable.[]
2. Shake the bottle and dispense the powder on a mixing pad.
3. Mix for 30 seconds, Prime MTA Packable Powder (0.6g) with 0.2 ml of MTA liquid. The mixture should be homogeneous and with a consistency similar to wet sand.[]
4. Place the cement on the selected site with an amalgam carrier or "carrier" (from Integrated Endodontics).
5. Condense the cement with instruments such as amalgam condensers or burnisher or wet absorbent paper points.
6. Setting reaction: When mixed with MTA liquid it forms a gel that solidifies if kept in a wet environment. The initial setting time is approximately 10 minutes, and the final is 3 hours. It is not necessary to wait for the final set to continue treatment procedures

IMPORTANT: If the mixed MTA dehydrates, it must be discarded.

Storage & Shelf Life:

Store away from sunlight in a cool and dry place. Keep away from direct flame. Do not leave the bottle open. Close the cap tightly after dispensing the powder. Do not use after expiration date.

Disposal Conditions:

To be disposed of based on the prevailing rules of the country in which it is used.

Presentation:

- 1 x 1 gram Powder
- 1 x 5 ml Liquid