MTA PUTTY

(Bioceramic Mineral Trioxide Aggregate Putty — Ready to Use)

INSTRUCTIONS FOR USE (Please read carefully before use)

Doc. No: **HH/IFU/20** Approved By: **Mr. Vikram Vora** Language: **English**

Revision	01/01
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PRODUCT DESCRIPTION: MTA Putty is a ready-to-use bioceramic putty of tricalcium / dicalcium silicate in an organic medium. No mixing is required; it sets in the presence of tissue moisture. Bioactive, radiopaque, resin-free and does not discolor teeth.

MATERIAL OF CONSTRUCTION: Tricalcium silicate, dicalcium silicate, tricalcium aluminate, zirconium oxide, paste forming agent.

INDICATIONS: Direct and indirect pulp capping, pulpotomy, apexogenesis, apexification, cavity liner and base, perforation repair, root resorption and root-end filling.

WORKING & SETTING TIME: Working time 10+ hours at room temperature. Initial set approx. 4–5 hours at 37°C in a moist environment.

PROCEDURE: Work under rubber dam isolation.

PULP CAPPING, PULPOTOMY, LINER / BASE:

1. Prepare the cavity and remove caries. For pulpotomy, remove coronal pulp tissue.
2. Control bleeding. If bleeding persists after 10 minutes, vital pulp therapy is not indicated.
3. Apply MTA Putty over the pulp or cavity floor, min. 1.5 mm thick. Remove excess with a damp cotton pellet.
4. Restore immediately over it. Confirm with a radiograph.

PERFORATION REPAIR / ROOT RESORPTION:

1. Clean, shape and irrigate the canal (NaOCl or chlorhexidine).
2. Place MTA Putty into the defect and compact gently. Confirm with a radiograph.
3. Obturate the remaining canal and seal the access.

APEXIFICATION:

1. Dry the canal with paper points.
2. Compact a 3–5 mm apical barrier of MTA Putty. Confirm with a radiograph.
3. Obturate the remaining canal and restore.

ROOT-END FILLING:

1. Resect 2–4 mm of the root apex and prepare a 3–5 mm root-end cavity.
2. Achieve hemostasis, dry and fill with MTA Putty. Remove excess, confirm with a radiograph and close the site.

CAUTION / WARNING:

1. For use by qualified dental professionals only.
2. Unset putty is caustic (high pH) and may irritate oral mucosa. Avoid contact with skin, eyes and mucosa; rinse with water after contact.
3. Wear gloves and protective glasses.

PRECAUTIONS:

1. Recap immediately after use and store in the laminated pouch to prevent hardening.
2. Do not overfill the canal. Use a new tip for each application.
3. Supplied non-sterile.

CONTRAINDICATIONS: Hypersensitivity to any component or to high pH materials.

ADVERSE REACTIONS: None when used as directed. Contact of unset putty with mucosa may cause ulceration.

PACKAGING: 1 × 0.7 g syringe.

STORAGE CONDITIONS: Store at 5°C to 25°C in a dry place. Keep out of reach of children. Do not use after expiry.

SHELF LIFE: 2 years from the date of manufacturing.

DISPOSAL: As per local regulations.

For use in dentistry by qualified dental personnel only.

LOT Symbol for "BATCH CODE"	Symbol for "USE BY"	Symbol for "NON STERILE"
Symbol for "KEEP DRY"	Symbol for "CAUTION"	Symbol for "CONSULT INSTRUCTIONS FOR USE"
REF Symbol for "CATALOGUE NUMBER"	Symbol for "KEEP OUT OF THE REACH OF CHILDREN"	Symbol for "MANUFACTURER"
Symbol for "DO NOT USE IF PACKAGE IS DAMAGED"	25°C 5°C Symbol for "TEMPERATURE LIMITATION"	Symbol for "KEEP AWAY FROM SUNLIGHT"
MD Symbol for "MEDICAL DEVICE"	IN Symbol for "COUNTRY OF MANUFACTURE"	

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Kindly retain the instructions for use & packaging box until the complete use of the product / expiry.

The material has been developed solely for professional dental use. Application should be carried out strictly according to the instruction for use. Liability cannot be accepted for damages resulting from failure to observe the instructions of the stipulated area of applications. The user is responsible for testing the material for its suitability and use for any purpose not explicitly stated in this instruction sheet. Description and data constitute no warranty of attributes and are not binding.