

MTA (Fast Set)

COMPOSITION

Tricalcium silicate, Dicalcium silicate, Tricalcium aluminate, Calcium oxide, Radiopacifier and modifiers in traces.

Indication of use for MAARC MTA is Repair material.

- 1) Repair of perforations during root canal therapy
- 2) Pulpotomy
- 3) Pulp capping material
- 4) Repair of root canals as an apical plug during apexification
- 5) Surgical treatment of root perforations due to internal resorption
- 6) Root filling (end filling) material

Warning and Precautions

- 1) MAARC MTA repair material must be stored in a dry area to avoid degradation by moisture
- 2) MAARC MTA repair material must be kept in its sealed packaging prior to use to avoid degradation by moisture.
- 3) MAARC MTA repair material must be placed intra-orally immediately after mixing with liquid, to prevent dehydration.
- 4) Avoid skin contact to prevent irritation and possible allergic response. If contact with skin occurs, immediately remove material with cotton and wash thoroughly with water and soap. In case of skin sensitization or rash, discontinue use and seek medical attention.
- 5) Do not use MAARC MTA to fill root canal, its viscosity and setting time are inadequate for this procedure also it will be very difficult to remove in case of re-entry is required.
- 6) Excess of MAARC MTA is not intended as it may impair healing process.
- 7) Do not use it on patients with reported sensitivity to any of the component.

Adverse reaction

No Adverse reaction reported so far

Instruction of use

- 1) Sterile glass slab, spatula and all instruments for the insertion of MAARC MTA
- 2) Dispense Powder as per requirement and mix with a drop of distilled water till the particles are hydrated. (Liquid provided)
- 3) Place mixture at selected site with sterilized instrument.
- 4) Condense the material with instruments.

Note :

MAARC MTA is to be used immediately after mixing to avoid dehydration. MAARC MTA is Fast set with working time of approx 4 mins and initial set/cure of 15 mins at room temperature and it attains strength enough to continue the treatment. Product will full set/cure in span of 30 days and can gain strength up to 60MPa. MAARC MTA is more radiopaque than dentine and bone, Radio opacifier used is Tantalum oxide which gives more whiteness and is more bio neutral as compared to Bismuth oxide.

Packaging: Multi dose container of powder and liquid, along with dispensing scoop.

Storage conditions: Keep Away from Direct Sunlight. Keep locked up and out of the reach of children. Store at a temperature between 10°C to 30°C. Shelf life (2 years from the date of manufacturing) not affected after opening if stored in a cool dry place. Keep the powder and liquid containers tightly closed to avoid contamination.

Disposal Conditions: Dispose in accordance with local, state and federal environmental regulations.

This product is specially formulated for use in dentistry and to be used by qualified dental personnel.

Manufactured by:

Shiva Products

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These instructions for use should be kept for the duration of product use.



Symbol for "BATCH CODE"



Symbol for "USE BY"



Symbol for "NON STERILE"



Symbol for "KEEP DRY"



Symbol for "CONSULT INSTRUCTION FOR USE"



Symbol for "CATALOGUE NUMBER"



Symbol for "CAUTION"



Symbol for "DO NOT USE IF PACKAGE IS DAMAGE"



Symbol for "KEEP OUT OF THE REACH OF CHILDREN"



Symbol for "MANUFACTURER NAME & ADDRESS"



Symbol for "TEMPERATURE LIMITATION"



Symbol for "KEEP AWAY FROM SUNLIGHT"

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.