

## CeraSeal-B

MAARC CeraSeal-B is MTA based Bio-ceramic Root Canal Sealer which is resin and monomer free and ensures Zero shrinkage and biocompatibility. It consist of 2 parts powder and Liquid ( Demineralized water ). When mixed, produces mixture with desired flow and adhesion. Its high pH and Bioactive properties helps remineralization due to hydroxy-apatite formation. It has good radiopacity & Due to its purity it will not stain teeth.

### Composition

Powder: MTA based bioceramic material + Radiopacifier.  
Liquid: Demineralized water

### Indication of use for CeraSeal-B.

Permanent obturation of root canal of teeth with obturation point.

### Warning and Precautions

- 1) CeraSeal-B Sealing material must be stored in a dry area to avoid degradation by moisture
- 2) CeraSeal-B Sealing material must be kept in its sealed packaging prior to use to avoid degradation by moisture.
- 3) CeraSeal-B Sealing 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) Excess of CeraSeal-B is not intended as it may impair healing process
- 6) 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 CeraSeal-B
- 2) Dispense Powder as per requirement and mix with a drop of DM water (Liquid provided) till the particles are hydrated and desired consistency is achieved.
- 3) Place mixture at selected site
- 4) Cold lateral condensation is more suited.
- 5) Rapid insertion of CeraSeal-B Coated GP is suggested.

### Note:

CeraSeal-B is to be used immediately after mixing to avoid dehydration. Wet cotton or gauze is suggested to be placed on mixture for extended working time. CeraSeal-B has working time of approx. 10 mins and initial set/cure of 240 mins at room temperature and it attains strength enough to continue the treatment.

**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.**

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Revision	05
Date	05-12-2020



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 "CAUTION"     Symbol for "CONSULT INSTRUCTION FOR USE"

 Symbol for "CATALOGUE NUMBER"     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.