

# $\mathbf{DIA} ext{-}ROOT^{^{\mathrm{TM}}}$ BIO Sealer



### 1. Indications for Use

DIA-ROOT BIO Sealer is a MTA (mineral trioxide aggregate) based root canal sealer that provides complete and permanent sealing of root canals. It can be used with or without root canal obturation materials.

## 2. Instructions

#### A. Precautions before use

- 1) Before using the product, check the product for abnormalities, expiration date, presence of foreign substances, impurities, and product alteration.
- 2) Read the Instructions for Use carefully and thoroughly before use.

#### B. Instructions for use

- 1) Prepare and irrigate the root canal using standard endodontic techniques.
- 2) Insert the disposable tip into the syringe and insert it into the root canal.
- 3) Fill the root canal by slowly pressing the plunger to extrude the material out into the canal. Be careful not to exert too much force as it may generate bubbles and/or overfill.
- 4) When using with a gutta percha point, insert the gutta percha into the root canal.
- 5) Use a dental instrument to cut off the top. Excess product may be removed using a cotton ball or a cotton pellet soaked in
- 6) After the procedure, remove and dispose the disposable tip and insert a new disposable tip.
- 7) Cover the new disposable tip with the supplied silicone cap to fully seal it.

#### C. Storage and management after use

- 1) After the procedure, remove and dispose the disposable tip. Replace the new disposable tip, and seal the product with the
- 2) Seal in an aluminum pouch and store it in a dry place.

## 3. Cautions

## A. Cautions

- 1) This product should only be used by a dental professional and instructions for use and precautions should be carefully
- 2) Avoid contact with skin and eyes. In case of contact, rinse immediately with copious amounts of water and seek medical advice.
- 3) Do not let children and elderlies handle the product.

## B. General precautions

- 1) Improper storage can reduce the performance and the shelf life of the product.
- 2) Do not use this product for any other purpose than its intended purpose.

- 3) If the contents of the product come into contact with eves. immediately flush with plenty of water.
- 4) Do not use the product after the expiration date.
- 5) Do not store or use the contents in any other container except the one provided by the manufacturer.

#### C. Contraindications

- 1) Do not use for purpose other than filling the root canal for dental purposes.
- 2) In rare cases, this product may cause sensitization. In such cases, discontinue use and consult a physician.

#### D. Precautions for application

- 1) A rubber dam must be used in the oral cavity of the patient before the procedure.
- 2) Do not press material out with excess force, or the patient may feel some acute pain.
- 3) Do not fill pass the apex. Overfilling may cause pain or other adverse symptoms in the patient.
- 4) Avoid contact with water other than intended use as material hardens when in contact with water.
- 5) The product should be stored in a sealed container until use to prevent pre-reaction by moisture in the atmosphere.
- 6) Use with caution as pH rises to 10~12 when reacted with moisture
- 7) Do not reuse disposable tips.
- 8) This product is designed to be permanently remained in the tooth for more than 30 days.
- 9) After treatment, take an x-ray and check the condition of the filling.

## 4. Shelf Life

2 years from the manufacture date when stored and kept according to instructions.

## 5. Symbols















Rx Only, For Dental Professional Use Only

## 6. Warranty and Limitation of liability

DiaDent Group International will replace product that is proven to be defective. DiaDent Group International does not accept liability for any damage or loss, direct or consequential, stemming from the use of or inability to use the product described. Before using, it is the responsibility of the user to determine the suitability of the product for its intended use. The user assumes all risk and liability in connection therewith.

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