

## STORAGE

1. Please keep the syringe cap tightly when not using **ReMTA One**.
2. Avoid exposure to direct sunlight.
3. Keep in a room temperature (15~25°C).  
\* This product is very sensitive to humidity, so please be sure to seal with the cap after opening.

## PACKAGING

**DSI ReMTA One 2g x 1 Syringe /**  
Disposable tips.

**Ref: DSMTA-ONE**

*Failure to comply with the conditions of storage leads to a change of the working characteristics of the material and decrease the shelf life of the material.*

*The manufacturer is not responsible for any loss of quality caused by the failure to comply with terms of transportation, storage and use established by the manufacturer for this product. Responsibility for the use of the material for purposes other than those specified by the manufacturer falls on the user.*

## SYMBOLS



Consult instructions for use



Caution, consult accompanying documents



Temperature limit



Keep away from sunlight



Keep dry



Manufacturer



Catalogue number



Batch code



Use by



Date of Manufacture



**Dental root canal sealer**

# DSI ReMTA One



## INSTRUCTIONS FOR USE

**DSI ReMTA One is a premixed ready-to use, injectable bioceramic cement paste developed for permanent root canal filling and sealing applications.**

**ReMTA One is based on a calcium silicate compounds composition, which requires the presence of water to set and harden.**



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## **PURPOSE**

**DSI ReMTA One** is a paste-type root canal sealer based on Calcium Silicate cement sealer which has excellent physical and biological components.

## **INDICATION**

1. Tooth root canal treatment patient.
2. Patient who removed the nerve of teeth.
3. Patients requiring autogenous tooth preservation.

## **WORKING TIME**

No mixing is required. DSI ReMTA One can be applied immediately and introduced directly into the root canal. The working time can be more than 3 hours at room temperature.

## **SETTING TIME**

Setting time is 180 minutes measured according to ISO2012.

## **COMPOSITION**

- Calcium silicate compounds.
- Zirconium oxide.
- Hydrophilic polymer (thickening agents).

## **APPLICATION METHOD**

1. Prior to the application of **ReMTA One**, thoroughly prepare and irrigate the root canal using standard endodontic techniques.
2. Remove the syringe cap from the **ReMTA One** syringe. Securely attach an Intra Canal Tip with a clockwise twist to the hub of the syringe. The Intra Canal Tip is flexible and can be bent to facilitate access to the root canal.
3. Insert the tip of the syringe into the canal no deeper than the coronal one third (1/3). Gently and smoothly dispense a small amount (1-2 calibration markings) of **ReMTA One** into root canal by compressing the plunger of the syringe. Using a #15 handfile or something comparable, lightly coat the canal walls with the existing sealer in the canal. Then coat the

master gutta percha cone with a thin layer of sealer and very slowly insert it into the canal. The master gutta percha cone will carry sufficient sealer to the apex.

**Note:** The precise fit of the Gutta Percha master cone creates excellent hydraulics and for that reason it is recommended that the practitioner use a small amount of sealer. Furthermore, it is also important to insert the master cone very slowly to its final working length.

4. If desired, place additional gutta percha points into the canal using standard condensation techniques.
5. Using a heat source, burn off the gutta percha cones at the orifice, apply a slight amount of vertical condensation, and remove any excess sealer with a moist cotton ball or swab.
6. **DSI ReMTA One** will remain part of the permanent root canal filling.
7. After each application, remove the Intra Canal Tip from the syringe with a counterclockwise twist to the hub of the syringe and discard. Clean the outside of the syringe and remove any excess paste, place the syringe cap tightly onto the syringe hub, and place the syringe into the foil pouch and ensure to seal the pouch. Store the pouch in a dry area at room temperature.

## **CAUTIONS**

1. It should be used by a dentist and dental professional. Observe the procedure and the precautions.
2. Keep it away from a reach of non-dental users including children. Senior citizen and others.
3. Do not press paste with excess force, because the patient may have some acute pain.
4. Do not overfill beyond the apex.
5. In accidental contact with eyes occurs, flush immediately with a large amount of water.
6. Do not Fill the entire canal with **ReMTA One**.
7. Do not reuse the disposable tip after use.
8. Do not use after expiry date.
9. Do not use as an internal medicine.