

# ZICAL

## ANTI BACTERIAL ZOE ROOT CANAL SEALANT

**PREVESTDenPro®**  
THE FUTURE OF DENTISTRY

**Product Description :** Zical is a ZOE based sealer for permanent filling of dental root canals. Can tightly seal the apex of the root and the prepared root canal and can be easily removed with Gutta Percha point when refilling is necessary. Composition based on Grossman Formula is radiopaque, non staining non irritating with excellent thermal insulation. Very long working time and excellent lubricating qualities. Low Zinc oxide contents of the composition alleviate some of the cytotoxic and inflammatory effects of the tissues and addition of Iodoform acts as an anti microbial agent.

**Composition :** Zical is a powder- liquid composition.

**Powder Contains :** Zinc Oxide, Radiopacifier, accelerator. **Liquid Contains :** Eugenol.

**Intended Purpose / Intended Use :** It is intended to be used as a sealer for permanent filling root canals.

**Indications for Use :** Root canal filling for infected root canal treatment. Root canal sealing using Gutta Percha points.

**Instructions for Use :** The root canal should be thoroughly dry before filling, over filling root canals should be avoided. Both glass slabs and spatula should be sterilized and thoroughly dry prior to use for mixing cement. Place 1 scoop of powder and 4-5 drops of liquid (P:L-1:2) on the glass slab. Spatulate small portions of the powder into liquid until all particles of powder are dissolved. Gradually add more portions of powder to the mix spatulating thoroughly for 2:00-2:30 (min :sec) until a very smooth creamy paste is obtained. Working time is 30 minutes. Introduce the paste into the prepared root canal with a root explorer. Insert the Gutta Percha and seal the coronal end with base sealer. Net setting time is 45-60 minutes from start of the mix. The dispensed material shall not be placed back in container and the dose once applied and used not be reused.

**Warnings :** Avoid prolonged or repeated contact with skin (allergic contact dermatitis), and eyes. Avoid prolonged inhalation. Do not take internally. Contact with the skin may cause irritation, burns of hypersensitivity. If contact with skin occurs immediately wipe off thoroughly with cotton and alcohol and then wash well with soap and water. If skin rash and sensitization or other allergic reaction occurs discontinue use and seek medical attention. If the product comes into contact with the eyes, rinse thoroughly with fresh water and consult a physician. It should not be used with patients who have a history of severe allergic reaction to any of the components.

### Precautions :

1. This product is intended to be used as specifically outlined in the Instructions for Use. Any use of this product inconsistent with the Instructions for use is at the discretion and sole responsibility of the practitioner.
2. Wear suitable protective clothing, eyewear, and gloves.
3. The solubility and essentially basic nature of Zical composition requires that it is used only in situations where it can be protected adequately from the intraoral environment.
4. To achieve good results, use of a rubber dam or adequate isolation is recommended.
5. Do not overfill the root canals with the paste.
6. Zical should be mixed in equal volumes for optimum performance. The mixed material should be homogeneous and streak free prior to application.
7. Increased humidity and elevated temperature will reduce available work time and set time.
8. Containers should be tightly closed immediately after use.
9. Store with original caps tightly closed in a well ventilated place at or below room temperature not exceeding 24°C(75°F). Refrigerated storage is acceptable when not in use. Allow material to reach room temperature prior to use. Protect from moisture. Do not freeze. Do not use after expiration date.

**Contraindications :** Do not use Zical with patients that have a history of allergic reaction to Iodine compounds. Avoid contact with eyes.

**Storage Conditions :** Store at temperature between 10°C(50°F) to 24°C(75°F). Close the cap carefully after use. Keep away from moisture. Shelf life not affected after opening if stored in a cool dry place.

**Shelf Life :** 3 years from the date of manufacturing.

### Presentation :

Ref : 40009

**Powder – Liquid Pack :** 15g Powder, 10ml Liquid, Spoon, Mixing Pad, & Dispensing Dropper.

**Disposal conditions :** To be disposed off based on the prevailing rules of the country in which it is used.

### Prevest DenPro Limited

Unit II, EPIP, Bari Brahmna,  
Jammu-181133, India.

www.prevestdenpro.com

Customer Care No. : + 91 8899074151

Email : customercare@prevestdenpro.com

Made in India

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**UDI** Symbol for "UNIQUE DEVICE IDENTIFIER"

**LOT** Symbol for "BATCH CODE"  Symbol for "USE-BY DATE"  Symbol for "NON STERILE"  Symbol for "KEEP DRY"

 Symbol for "CAUTION"  Symbol for "CONSULT INSTRUCTION FOR USE" **REF** Symbol for "CATALOGUE NUMBER"

**EC REP** Symbol for "AUTHORIZED REPRESENTATIVE IN THE EUROPEAN COMMUNITY/EUROPEAN UNION"

 Symbol for "DO NOT USE IF PACKAGE IS DAMAGE"  Symbol for "KEEP OUT OF THE REACH OF CHILDREN"  Symbol for "MANUFACTURER"

 Symbol for "TEMPERATURE LIMIT"  Symbol for "KEEP AWAY FROM SUNLIGHT" **MD** Symbol for "MEDICAL DEVICE"

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. For feedback, complaints and reporting of unexpected events contact customer care.