stomdevice

# ADSEAL ROOT CANAL SEALER

## ADSEAL IS A RESIN-BASED ROOT CANAL SEALER OF THE HIGHEST QUALITY

### DIRECTION FOR USING ADSEAL

**ADSEAL** is a epoxy resin based root canal sealer which is a paste-paste type of dual syringe.
It had a outstanding chemical and physical property including extremely excellent sealing property and biocompatobility

**ADSEAL** complies with the requirements of ISO6876:1986(E) for dental root canal sealing materials

### COMPOSITION

- **Base**
  Epoxy oligomer resin
  Ethylene glycol salicylate
  Calcium phosphate
  Bismuth subcarbonate
  Zirconium oxide
- **Catalyst**
  Poly aminobenzoate
  Triethanolamine
  Calcium phosphate
  Bismuth subcarbonate
  Zirconium oxide
  Calcium oxide

### CHARACTERISTICS

- When using a **ADSEAL** in combination with gutta-percha points, this material shows the following properties:

1. Easy to mix by paste:paste
2. Hermetic sealing ability
3. Nonstaining to the teeth
4. Insoluble in tissue fluids
5. Excellent biocompatibility
6. Good radiopacity
7. Working time of 35 minutes at 23℃(73℉)
8. Setting time of 45 minutes at 37℃(99℉)

### INDICATION

- Permanent obturation of root canals in combination with obturation points

### CONTRAINDICATIONS

- Known hypersensitivity against epoxy resins or other components, respectively, of the root canal filling material

### MIXING

- Mix automatically out qut volume units (2:1 wt. Ratio) of Base and Catalyst on a mixing pad using spatula for 15-20 seconds or until creamily homogeneous consistency

### APPLICATION

- Canal walls must be dry. **ADSEAL** should be carried to the canal with either lentulo spiral or obturation points (gutta-percha, silver or titanium root canal points).
  To avoid the formation of air bubbles in the material and overfilling of the canal.
  Advance the lentulo spiral slowly to the apex running at very low speed. Withdraw lentulo very slowly still running at low speed.
  Dip the disinfected and dry master point into **ADSEAL** and with pumping motions slowly push it into the canals.
- **ADSEAL** is the endodontic product for every dental practice.
  It can be used for all established and more recent root canal sealing techniques.
  It is suitable for the single-point method, thermoplasticize method and all condensation techniques

### REMOVAL OF ROOT CANAL FILLING

- If **ADSEAL** is used in combination with gutta-percha points, the root canal filling can be removed using conventional techniques for the removal of gutta-percha

### WARNINGS

- **ADSEAL** contains epoxy resins or amines which may cause sensitization in susceptible persons

### CAUTIONS

- Do not use **ADSEAL** in allergic persons
- For dental use only
- Keep away from child

### SIDE EFFECTS

- Not known, In rare cases contact allergies are descried

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## INSTRUCTION FOR USE

### STORAGE and HANDLING

- Keep syringe cap tight closed
  Store at 18℃~24℃(64℉~75℉)
  Store protected from UV light

### SHELF LIFE

- 2 years from the manufacturing date

### COMPONENTS

- 13.5g Dual syringe **ADSEAL**
  ( Base 9g, Catalyst 4.5g )
- Mixing pad
- Spatula
- Directions for using **ADSEAL**
- Packing Dimension : 200 x 80 x 41mm

### SYMBOLS

- Use By
- LOT Batch Code
- CE 0120 CE-Mark and identification number of notified body. Product conforms to the essential requirements of the Medical Device Directive 93/42/EEC
- Attention, See instruction for use
- Manufacturer

Made in Korea

Manufactured by
**META BIOMED CO.LTD.**
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DM-15-4

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# CHECKING SHEET

ADSEAL (영문)

| | |
|---|---|
| TITLE | |
| CODE | DM-15-4 |
| SIZE | 205x177mm |
| PAPER | 60g 모조 |
| MAIN COLOR | INDIGO 2767C 별색 단도 |
| SPECIAL | |
| FUNCTION | |
| PRINT COLOR | |

INDIGO 2767C

| | |
|---|---|
| DATE | 2009. 07. 10. |
| DESIGNER | 진희남 |
| RECOGNITION | 김상일 |
| CONFIRMATION | META BIOMED CO.LTD. |

DATE NAME SIGN

2011. 06 .02. → DM-15-4 주소변경 (홍선미)

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