

## Resin-based root canal sealer



### **Advantages**

- ✓ Excellent biocompatibility
- ✓ Easy to dispense & mix
- ✓ Hermetic sealing ability
- ✓ Non-staining to the teeth
- ✓ Insoluble in tissue fluids
- ✓ Good radiopacity

### **Material Properties**

- ✓ Working Time: 35 Minutes at 23°C (73°F)
- ✓ Setting Time: 45 Minutes at 37°C (99°F)
- ✓ Flowability: 44mm
- ✓ Film Thickness: 3.3 $\mu$ m
- ✓ Radiopacity: 5.44mm/mmAL
- ✓ Solubility: 0.0324%

**Biocompatibility:**

| Test Method                         |   | Results                  |
|-------------------------------------|---|--------------------------|
| Cytotoxicity<br>(ISO 10993-5)       | Agar Diffusion<br>- Freshly mixed<br>- Set material | Mild<br>non              |
| Irritation<br>(ISO 10993-10)        | Oral  | No irritation            |
| Systemic toxicity<br>(ISO 10993-11) | Acute   | Safe                     |
| Implantation<br>(ISO 10993-6)       |   | Acceptable<br>(no edema) |

**Components:**

- ✓ 13.5 g dual syringe (Base 9g, Catalyst 4.5g)
- ✓ 1 Spatula
- ✓ 1 Mixing Plate
- ✓ 1 Direction for use
- ✓ Dimension: 80 × 200 × 43 (?)
- ✓ Weight: 135g

**Storage**

- ✓ Keep the syringe capped after use
- ✓ Store at 18°C ~ 24°C (64°F ~ 75°F)
- ✓ Avoid UV light

**Shelf Life**

- ✓ Two years from production date.