



# RETENTION BEADS

## en Instructions for use

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### Manufacturer

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SHOFU RETENTION BEADS are even, 150 µm (0.15 mm) sized particle beads, intended to enhance mechanical retention of hard resin facing crowns. They are sprinkled after the liquid is applied to the retention area of the wax pattern to create micro protrusions on the metal surface after investment, burnout and casting.

### **INTENDED USE**

To create micro protrusions on the metal surface for enhanced mechanical retention to resin surface during the fabrication of metal reinforced hard resin crowns.

### **PRECAUTIONS**

1. Avoid contact with intraoral tissue, skin and eyes. In case of accidental contact with skin, immediately blot with alcohol moistened cotton ball and rinse with plenty of water. In case of contact with eyes, immediately flush eyes with plenty of water and seek medical advice.
2. If any inflammation or other allergic reactions occur on the operator, immediately discontinue use and seek medical advice.

### **DIRECTIONS FOR USE**

1. Apply one coat of Liquid to the retention area of wax pattern with a brush built into the cap.
2. Dry the liquid sufficiently and gently tap the bottle to sprinkle the beads evenly on the wax pattern, while maintaining a certain distance between the retention area and the bottle.
  - Do not spray excessive amount of wax cleaner to avoid detachment of the beads.
  - Beads can also be spread evenly by tapping the push knob/button on the pen.
  - When refilling the beads into the pen, remove the cap on the pen head and insert the nozzle of the powder container.
3. Investment and casting should be performed as per the standard method.

### **NOTE ON USE**

1. Avoid any source of ignition since this product is flammable.
2. Use this product in a well ventilated area (several appropriate ventilations per hour are recommended).
3. Close the liquid cap immediately after use as the liquid is highly volatile. Once volatilized, the liquid will become thick and can no longer be used.
4. Do not expose this product to high temperature or heat sources, such as the heater etc. Avoid direct sunlight.
5. Follow the instructions for use of each dental material, instrument or equipment to be used in conjunction with this product.
6. Do not use this product for any purposes other than specifically outlined in these instructions for use.

### **STORAGE**

1. Store at room temperature (1-30 °C/34-86 °F). Avoid high humidity and keep away from direct sunlight and any source of ignition.
2. Tighten the bottle cap immediately after each use as it contains volatile agents.

Location of the symbols glossary:

[https://www.shofu.com/en/symbols\\_glossary/](https://www.shofu.com/en/symbols_glossary/)