INSTRUCTIONS FOR USE

1. Triturate capsule as per instructions in Table 1 and/or Table 2.

2. It is recommended for operators to consult triturator manufacturer for recommendations. Triturators other than those listed may result in less than optimally triturated amalgam.

3. Trituration speed and time is an important factor in preparing the amalgam to a proper consistency. The platinum modified, high silver, non-gamma 2 spherical amalgam. Lojic+ GS-80:

   GS-80: Ag 60.1%, Sn 28.05%, Cu 11.8%, Pt 0.05% (zinc free)
   Permite: The platinum modified, high silver, non-gamma 2 spherical amalgam. Lojic+ GS-80:

4. Place activated capsule in a high speed multi-use triturator.

5. Carefully remove the triturated capslae from the triturator and gently tap the lower rim of each capsule to remove any excess amalgam. Trim the capsule at the ridge line to form a flat base.

6. Place triturated capsule in the capsule holder and proceed to place the restoration.

7. The color changes that occur during the drying process are reversed upon exposure to water. It is essential that the amalgam is kept completely dry during manipulation to achieve the best results

8. Ingestion: If swallowed, induce vomiting. Give at least 1mg of activated charcoal by mouth (in a capsule). Prepare activated charcoal in water to a paste and give by mouth. Wash mouth with water. Drink large quantities of water. For children:

   • Dispose of used capsules in accordance to national regulations. Refer to Waste Disposal
   • Some patients may experience a metallic taste post restoration especially when placed in close contact with other restorative materials due to galvanic action. The wearing of braces, periodontal surgery, and other oral surgical procedures should be delayed for 24 hours to allow for hardening.

9. Light burnishing can be carried out after 24 hours to improve surface smoothness.

10. Trimming and carving can begin after condensation using a sharp carver.

11. First aid:

   • If using a spill kit, follow the directions provided in the kit.

   • Lower the room temperature if possible.

   • Smaller quantities can be covered by sulphur powder and removed. Individual small droplets of mercury can be picked up by tin (i.e. Sn) foil and removed.

   • Avoid contact with any spillage.

   • Use a plastic syringe to draw it up.

   • Take all necessary precautions to avoid contact with the skin, eyes and clothing.

   • Use soap and water to wash away mercury that has come in contact with the skin, clothing, and eyes. Avoid breathing inhaled mercury vapor.

12. Precautions:

   • Do not open capsules prior to triturating

   • CAUTION: Federal law restricts this device to sale by or on the order of a dentist.

   • Harmful if swallowed.

13. The amalgam has a high silver content as strength and corrosion resistance can be affected adversely. If the alloy contains other metals, such as copper, the silver content may be reduced by 1-5 seconds to achieve a wetter/plastic mix. If resulting amalgam mix is still too dry or sticky, add one drop of water to the mix. Silver is a very soft metal and if not handled properly, will leave a dull finish on the restoration.

14. The wearing of gloves, glasses and protective clothing is recommended for all dental procedures

15. The amalgam contains mercury as strength and corrosion resistance can be affected adversely. If the alloy contains other metals, such as copper, the silver content may be reduced by 1-5 seconds to achieve a wetter/plastic mix. If resulting amalgam mix is still too dry or sticky, add one drop of water to the mix. Silver is a very soft metal and if not handled properly, will leave a dull finish on the restoration.

16. Trimming and carving can begin after condensation using a sharp carver.

17. The amalgam is used to etch tooth structure and form a mechanical bond with the restoration.

18. Precautions:

   • Do not use in children under 15 years, or pregnant or breastfeeding women, unless

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