

Follow conventional preparations of stone models and jig assembly prior to preparing the powder-liquid mix.

- A. Mixing preparations.
- 1. Use volumetric ratio of 25cc of powder to 10mL of Vitacrilic<sup>®</sup> Crosslinked Self Curing Monomer. *Note:* When this ratio is employed, a smooth creamy consistency will result. Subsequent applications to the cast and denture can be made with a good wetting effect and without trapping air. However, final closure of jig must be delayed until the resin has reached a "very" doughy state. Premature closure (application of compression) can lead to a porous reline. If more rapid doughing characteristics are desired a ratio of 30cc of powder to 10mL monomer may be used.
- 2. Measure out desired amount of liquid and place into a convenient size (Polyethylene or Polypropylene) container. *Note:* The use of a paper cup could lead to an alteration of powder-liquid ratio due to absorption of the liquid by the paper cup and some paper cups contain wax liners that can lead to contamination.
- Slowly add the powder while swirling the liquid in the container.
  *Note:* Initially it is permissible to spatulate the mix to enhance the wetting of the powder by liquid.
  However, prolonged spatulation could lead to inducement of air entrapment as the viscosity of the mix increases.
- 4. Swirl container until powder is saturated and a smooth creamy consistency is obtained.
- 5. Apply Bondit<sup>™</sup> Monomer to tissue side and peripheral roll.
- 6. Place resin inside of denture and assemble jig. Slowly close jig.
- 7. Curing Cycle:
  - A. Place jig assembly in Pressure Pot Curing Unit.
  - B. Cover with warm water  $110^{\circ}$   $115^{\circ}$  F (43° C).
  - C. Close lid and apply 15 pounds air pressure.
  - D. Cure for minimum of 30 minutes.

**Caution:** Avoid prolonged handling of uncured mixture and inhalation of monomer vapors. Wear protective gloves when packing resin mixture.

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