

Jet™ Denture Repair Acrylic

Intended Purpose

Fabrication, by a dental professional, of denture repairs.

CONTRAINDICATION: Persons with sensitivity to methyl methacrylate monomer or methyl methacrylate polymer.

Other Materials / Equipment Needed

1. Liquid Foil (Tin foil substitute solution)
2. Sticky wax or super glue
3. Acrylic Primer (Acrylic bonding agent)
4. Jet™ Seal (Acrylic Sealant), optional
5. Aquapres® (Pressure curing unit), optional

Instructions for Use

For consistent results always shake Jet™ liquid before use, as catalyst may have separated from monomer.

A. Repairing a Broken Denture

1. Reassemble pieces of denture with sticky wax or super glue.
2. Pour a cast of denture using plaster or stone.
3. After cast is set, trim and remove pieces of denture.
4. Apply Liquid Foil solution to the cast.
5. Grind broken edges of denture to a beveled edge. Reduce thickness in half, extending approximately 4 mm from each side of fracture.
6. Paint a thin coat of Acrylic Primer over fractured edges to ensure a strong, uniform bond with new acrylic.
7. Place broken pieces of denture on the cast. Moisten the fractured edges with Jet™ liquid. Apply Jet™ Denture Repair powder to moistened area. Alternate applications of liquid and powder until the area to be repaired is filled. Overfill slightly to allow for finishing.
8. Let bench cure for 1-2 minutes. Allow an additional 10 minutes for complete curing. Bench cure at room temperature, or for better results, cure in Aquapres® at 30 psi.

9. Remove denture from cast after acrylic is cured. Remove excess acrylic with an arbor band or stone. Grind to a smooth finish.
10. Paint with Jet™ Seal for a hard lustrous shine, if desired.

B. Replacing Denture Teeth

1. Clean tooth socket.
2. Choose a denture tooth similar in size, color and shape to original tooth.
3. Prepare denture by reducing the lingual area of the tooth socket enough to accommodate the new tooth. Leave the labial portion of the tooth socket intact to aid in repositioning new tooth.
4. Paint a thin coat of Acrylic Primer on socket area.
5. Insert a drop of Jet™ liquid into socket. Add enough Jet™ Denture Repair Powder to absorb the liquid.
6. Allow the acrylic to set for 1 minute, then push the new tooth into the socket and hold in aligned position. Alternate applications of liquid and powder until the lingual area of the tooth is slightly overfilled.
7. Hold the tooth in place until the new acrylic is dull in appearance (approximately 2 minutes). Allow an additional 10 minutes for complete curing. Bench cure at room temperature, or for better results, cure in Aquapres® at 30 psi.
8. Remove excess acrylic with a bur or stone after denture is cured. Grind to a smooth finish.
9. Paint with Jet™ Seal for a hard lustrous shine, if desired.

Storage

Keep original container tightly closed in upright position. Store in a well-ventilated place. Keep cool.

Operating / Handling Instructions

Danger. Highly flammable liquid and vapour. Keep away from heat/sparks/open flames/hot surfaces – No smoking. Causes skin irritation. May cause an allergic skin reaction. May cause respiratory irritation. Avoid breathing vapors. Wear protective gloves/protective clothing/eye protection/face protection.

First Aid

If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a Poison Center or doctor if you feel unwell. If on skin: Wash with plenty of water and soap. If skin irritation or rash occurs: Get medical advice. Take off contaminated clothing and wash it before use. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice. If swallowed: Rinse mouth. Do NOT induce vomiting. Get immediate medical advice. See Safety Data Sheet for complete information.

Disposal

Dispose of unused material in accordance with local, state, and national legislation.

Warranty

Manufacturer warrants this product to be free from manufacturing defects for one year from date of purchase. Warranty is void if product is not used for intended purpose, not used as instructed or not stored in original container.



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Note: Any serious incident that has occurred in relation to this device should be reported to the manufacturer and the competent authority of the Member State in which the user and/or patient is established.

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