

# Jet Set-4™ Denture Repair Acrylic Resin

## Product Identification

Very fast curing denture repair acrylic resin

## Package Contents

REF 4720	Net Wt. 100g
REF 4730	Net Wt. 454g
REF 3803	Net Vol. 118mL
REF 3804	Net Vol. 236mL
REF 3807	Net Vol. 3.8L
REF 4723	Net Wt. 100g; Net Vol. 118mL; Liquid Foil: Net Vol. 30mL; Acrylic Primer: Net Vol. 10mL; glass dropper; brushes
REF 4734	Net Wt. 454g; Net Vol. 236mL; Liquid Foil: Net Vol. 30mL; Acrylic Primer: Net Vol. 10mL; glass dropper; brushes; dispenser bottle

## Intended Purpose

Jet Set-4 Denture Repair Resin is intended for the manufacture, repair, rebasing, and relining of removable acrylic prosthetic devices (i.e. full and partial dentures). Jet Set-4 Denture Repair Resin is for prescription use only.

## Contraindications

Jet Set-4 is contraindicated for persons with allergies to methyl methacrylate.

## 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.

## **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 Set-4 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 4mm 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 Set-4 liquid. Apply Jet Set-4 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 30-60 seconds. Allow an additional 5 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 Set-4 liquid into socket. Add enough Jet Set-4 Powder to absorb the liquid.
6. Allow the acrylic to set for 30 seconds, 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 5 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.

## 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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LDD 47 REV. 0