

# Jet™ Acrylic



## Instructions for Use

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

## FOR JET™ TOOTH SHADE

### Intended Purpose

Fabrication, by a dental professional, of fast-curing provisional crowns and bridges intended to remain in the mouth for less than 30 days

### Other Materials / Equipment Needed

1. Silicone lubricant
2. Jet™ Adjusters (acrylic stains), optional
3. Aquapres® (pressure curing unit), optional
4. Jet™ Seal (acrylic sealant), optional
5. Acrylic bur or stone

### Instructions for Use

1. In the impression, fill the tooth or teeth that were extracted or prepared with Jet™ Tooth Shade as follows. Moisten surface with Jet™ liquid. Spray on Jet™ Tooth Shade powder from dispenser bottle. Alternate liquid and powder until impression is filled. For best results, begin and end with liquid.
2. While allowing acrylic to reach a paste like consistency, coat the prepared teeth and surrounding tissue with silicone lubricant to allow easy removal of acrylic from prep and to protect the teeth and surrounding tissue.
3. Seat impression in mouth and hold in place for 3 minutes. Remove and trim excess acrylic. Do not over trim.
4. Reseat impression in mouth and place in and out of patient's mouth until material reaches a rubbery state and cannot be distorted. CAUTION! Do not allow material to get hot in mouth!
5. Remove impression from patient's mouth. Allow an additional 10 minutes for curing, either on bench or, for better results, in Aquapres® at 30 psi.
6. Remove provisional from impression and check for fit.
7. Trim excess material with an acrylic bur or stone. Grind to a smooth finish.

8. Modify shade with Jet™ Adjusters if desired. Polish using Jet™ Seal.
9. Clean patient's teeth of any residual silicone lube. Place provisional into mouth and secure with suitable temporary cement.

## **FOR JET™ DENTURE REPAIR**

### **Intended Purpose**

Fabrication, by a dental professional, of denture repairs

### **Other Materials / Equipment Needed**

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

### **Instructions for Use**

#### **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 curing, either on bench or, for better results, 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 curing, either on bench or, for better results, in Aquapres® at 30 psi.
8. After denture is cured, remove excess acrylic with an arbor band or stone. Grind to a smooth finish.
9. Paint with Jet™ Seal for a hard, lustrous shine, if desired.

## **FOR JET XR™**

### **Intended Purpose**

Fabrication of custom radiopaque diagnostic guides and stents by a dental professional

Shadow is the equivalent of 1.0 mm of aluminum.

Opaque is the equivalent of 1.8 mm of aluminum.

### **Instructions for Use**

1. Measuring by volume, mix 3 parts of Jet XR™ powder with 1 part Jet™ liquid. For a less viscous mixture, add more liquid.
2. Use mixture for desired application. Setting time is 12-15 minutes at room temperature, but longer if additional liquid was added.
3. Desired radiopacity is achieved as noted above.

### **Handling Precautions**

Contains methyl methacrylate

Danger. Highly flammable liquid and vapor. Keep away from heat/sparks/open flames/hot surface. – No smoking.

Causes skin irritation. May cause an allergic skin reaction.  
May cause respiratory irritation.

Wear protective gloves/protective clothing/eye protection/  
face protection.

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

## **Disposal**

Dispose of contents and container in accordance with all  
local, regional, national and international regulations.

## **Warranty**

Manufacturer warrants this product to be free from manufacturing defects for one year from date of purchase only from an authorized reseller. 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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