

INSTRUCTIONS for **HARDpour**

INDICATIONS FOR USE

Manufacturing, relining, repairing, and rebasing of partial or full removable dentures, dental plates, bite plates, personal trays, appliances, occlusal splints, and night guards.

DIRECTIONS

1. Preparation of Artificial Teeth

HardPour is a Cold Cure Resin that uses chemical-bonding. To increase the bonding strength, you may add retention holes to artificial teeth or apply Snow Rock's "Resin Primer" on to the teeth surface.

2. Setup Model

Arrange the teeth and wax up the gingival area in the standard way. Invest the flask with stone and wait for it to dry. Remove the wax from the flask using the standard wax wash method or automatically using Snow Rock's Jet Washer Pro machine. After the flask is room temperature, apply resin separator onto the surface and let it dry naturally.

3. Mixing ratio of the powder and liquid

Place the liquid into a container first, then add the powder into the liquid.
The standard powder/liquid mixing ratio should be 100g/56ml. Mix together for 10 to 15 seconds.

Mixing ratio for repair/reline is 100g/43ml.
Follow conventional repair/reline technique instructions with pressure pot.

	Partials	Full	Multi
Powder	10g (14cc)	20g (28cc)	100g (140cc)
Liquid	5.6ml	11.2ml	56ml

4. Pouring Method

Pour the material into the flask hole within 180 seconds after mixing (working time is 30 to 180 seconds)
Be careful to pour the material without any air bubbles.

5. Curing & Cooling

Use warm water 48°C (±5) or 118°F in a pressure pot at 20 PSI (1.4 bar)
Keep water level 2/3 of flask height
Hold 30 min for curing.

6. Grinding and Polishing

Grind and polish using the standard way for heat-cure acrylics.

7. Preservation

Keep the finished denture in water until delivery.

Note: HardPour can be used to repair acrylic dentures. The powder/liquid mixing ratio should be 100g/43ml and placed inside a pressure pot for curing afterwards.

COLORS AVAILABLE

#00 Clear, #11 Original, #12 Light, #13 Light Red-Pink, #14 Dark Pink, #15 Peach

METHOD OF KEEPING

- Keep the material away from direct sunlight, high temperature or flame. Keep it under cool and room temperature.
- Do not store larger amount of the material in a small space.
- Always place the lid back on after using the material for storage.
- Keep fire extinguishing agent fully equipped where the material is used.
- For professional use only. Keep out hands of non-professionals and children.

CAUTION

1. Precautions for Use

- Material is flammable and may be a fire hazard.
- Adequate ventilation is necessary.
- Protective medical gloves and eyeglasses are necessary to prevent contact with skin and eyes.
- Dust collector and mask is necessary to prevent harmful inhalation in mouth.
- For professional use only.

2. Medical Cautions

- Contains methyl methacrylate. Do not use or handle if allergic.
- If a rash, or dermatitis appears on technician or patient, remove the denture and report to a doctor immediately.
- If the technician experiences nausea or dizziness, cease operation and intake fresh air. If the symptoms continue, report to a doctor immediately.
- Wear gloves, mask and protective eye wear at all times.
- Do not make contact with the powder, the liquid, or the mixed material using bare hands.
- If the material makes contact with bare skin, wipe immediately with alcohol and cotton ball. If the material enters into the eyes, wash eye with flowing water and report to a doctor immediately.

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

