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INSTRUCTION FOR USE

Rapid Repair Liquid

(Self-Cure Acrylic Denture Base Material Liquid-Methyl Methacrylate Monomer)

Prevalent Rapid Repair Liquid is a methyl methacrylate (MMA) monomer formulated for use with compatible self-cure acrylic polymer powder. When mixed in the recommended proportion, it polymerizes without external heat to form an acrylic resin suitable for denture repairs, relining, rebasing, and other compatible dental applications.

COMPOSITION

Methyl Methacrylate (MMA) Monomer, Cross-linking Agent, Activator and Stabilizer.

Cadmium-free.

INTENDED USE

Intended to be mixed with compatible self-cure acrylic polymer powder for the fabrication, repair, rebasing, and relining of removable dental prostheses and other compatible acrylic dental appliances.

INDICATIONS

- Repair of fractured or damaged acrylic dentures.
- Addition or replacement of denture teeth.
- Rebasing and relining of acrylic dentures.
- Fabrication of temporary or provisional acrylic appliances.
- Fabrication of custom trays and base plates.
- Fabrication and repair of compatible acrylic orthodontic appliances.

INSTRUCTIONS FOR USE

- Prepare and clean the surfaces to be repaired or fabricated. Remove grease, debris, and other contaminants.
- Measure the polymer powder and Rapid Repair Liquid according to the recommended powder-to-liquid ratio of the compatible acrylic system.
- Dispense the liquid into a clean, dry mixing vessel and gradually add the polymer powder.
- Mix thoroughly until a uniform consistency is obtained. Cover the vessel where appropriate to minimize monomer evaporation.
- Allow the mixture to reach the appropriate working consistency.
- Apply or pack the material onto the prepared area and adapt carefully to ensure proper contact and minimize voids.
- Allow the material to polymerize completely according to the recommended processing conditions. When a pressure-curing unit is used, follow the specified pressure, temperature, and curing time.
- After complete polymerization, trim, finish, and polish using standard dental laboratory procedures.
- Inspect the finished appliance for defects, sharp edges, or porosity and clean thoroughly before intraoral use.

Important: Working and setting times may vary with temperature, powder-to-liquid ratio, and quantity mixed. Incorrect proportioning or incomplete polymerization may increase residual monomer and adversely affect the properties of the finished material.

WARNINGS & PRECAUTIONS

- For professional dental and dental laboratory use only.
- Highly flammable liquid and vapour. Keep away from heat, sparks, open flames, hot surfaces, and other ignition sources.
- Use in a well-ventilated area or with suitable local exhaust ventilation.
- Avoid breathing vapour and avoid contact with skin and eyes.
- Methyl methacrylate may cause irritation and allergic skin sensitization.
- Wear suitable protective gloves and protective eyewear during handling.
- Do not ingest or apply liquid monomer directly to oral tissues.
- Keep the bottle tightly closed immediately after dispensing.
- Do not return dispensed liquid to the original container.
- Keep out of reach of children.

ACCIDENTAL EXPOSURE

Eyes: Rinse immediately with plenty of clean water and seek medical attention.

Skin: Wash thoroughly with soap and water. Seek medical attention if irritation or sensitization develops.

Inhalation: Move to fresh air. Seek medical attention if symptoms persist.

Ingestion: Rinse the mouth. Do not induce vomiting. Seek medical attention.

CONTRAINDICATIONS

- Do not use in patients with known hypersensitivity to methyl methacrylate, methacrylates, or other components of the finished material. Do not use the liquid directly on oral tissues or with incompatible acrylic polymer powders.

STORAGE

- Store in a cool, dry, well-ventilated place away from direct sunlight, heat, sparks, flames, and other ignition sources. Keep tightly closed in the original container. Do not use after the expiry date stated on the packaging.

SHELF LIFE

Refer to the expiry date stated on the product packaging.

PRESENTATION

Ref. No.: PL-0240-Rapid Repair Liquid – Self-Cure Acrylic Denture Base Material Liquid- 1 × 400 mL Bottle

DISPOSAL

- Dispose of unused or expired liquid and contaminated materials according to applicable local regulations for flammable chemical waste.
- Do not discharge significant quantities into drains or the environment.

CONTACT

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Failure to comply with the specified storage conditions may alter the working characteristics of the material and reduce its shelf life.
The manufacturer is not responsible for any loss of quality resulting from non-compliance with the specified conditions for transportation, storage, and use of this product. The user assumes full responsibility for using the material for any purposes other than those specified by the manufacturer.
This material is intended solely for professional dental use. Application must be carried out strictly according to the instructions for use. The manufacturer accepts no liability for damages resulting from failure to follow the provided instructions or for use beyond the stipulated applications. The user is responsible for assessing the material's suitability for any purpose not explicitly stated in this instruction sheet. The descriptions and data provided do not constitute a warranty of attributes and are not legally binding.

This product is specially formulated for use in dentistry and to be used by qualified dental personnel

-  Symbol for "TEMPERATURE LIMITATION"
-  Symbol for "KEEP OUT OF THE REACH OF CHILDREN"
-  Symbol for "DO NOT USE IF PACKAGE IS DAMAGE"
-  Symbol for "KEEP AWAY FROM SUNLIGHT"
-  Symbol for "MANUFACTURER NAME & ADDRESS"
-  Symbol for "CONSULT INSTRUCTION FOR USE"
-  **REF** Symbol for "CATALOGUE NUMBER"
-  **MD** Symbol for "MEDICAL DEVICE"  Symbol for "KEEP DRY"
-  Symbol for "DO NOT RESTERILIZE"
-  **LOT** Symbol for "BATCH CODE"  Symbol for "CAUTION"
-  Symbol for "USE BY"
-  Symbol for "FLAMMABLE MATERIAL"

Document No	PL-IFU-0131
Revision	02
Date	11/12/2025