

## INSTRUCTION FOR USE

### Prevalent Heat Cure Powder (Acrylic Denture Base Material Powder)

**Prevalent Heat Cure Powder** is an acrylic polymer powder formulated for use with a compatible heat-cure acrylic denture base liquid. When mixed and heat-polymerized according to the recommended processing procedure, it forms a rigid acrylic resin suitable for the fabrication of removable dental prostheses.

#### COMPOSITION

Acrylic polymer powder based on Polymethyl Methacrylate (PMMA) with polymerization initiator and other formulation components. Pink variants contain suitable colouring pigments.

#### INTENDED USE

Intended for use with compatible heat-cure acrylic denture base liquid for the fabrication, repair, rebasing, and relining of removable dental prostheses and other compatible prosthodontic appliances.

#### INDICATIONS

- Fabrication of complete and partial denture bases.
- Rebasing and relining of compatible acrylic dentures.
- Laboratory repair of acrylic denture bases.
- Fabrication of base plates and other compatible prosthodontic appliances.

#### INSTRUCTIONS FOR USE

- Prepare the dental flask and mould according to standard dental laboratory procedures and apply a suitable separating medium where required.
- Measure the Heat Cure Powder and compatible Heat Cure Liquid according to the recommended powder-to-liquid ratio.
- Dispense the required liquid into a clean, dry mixing vessel and gradually add the measured powder.
- Mix thoroughly and cover the vessel to minimize monomer evaporation.
- Allow the mixture to reach the appropriate dough stage.
- Pack the acrylic dough into the prepared mould and perform trial closure as required. Remove excess material and complete final flask closure under appropriate pressure.
- Polymerize using the validated heat-curing cycle specified for the acrylic denture base system.
- After polymerization, allow the flask to cool appropriately before deflasking to minimize distortion and internal stresses.
- Deflask carefully, trim excess material, finish, and polish using standard dental laboratory procedures.
- Inspect and thoroughly clean the completed prosthesis before delivery to the patient.

**Important:** The powder-to-liquid ratio, dough time, curing temperature, and curing duration must follow the validated processing parameters of the complete Prevalent Heat Cure Acrylic Denture Base Material system.

#### WARNINGS & PRECAUTIONS

- For professional dental and dental laboratory use only.
- Avoid inhalation of acrylic polymer dust.
- Avoid contact with eyes and prolonged or repeated contact with skin.
- Use suitable gloves, protective eyewear, and appropriate dust control or ventilation during handling, trimming, and polishing.
- Keep the powder clean and dry to prevent contamination.
- Use only with a compatible heat-cure acrylic denture base liquid.
- Incorrect powder-to-liquid ratio or inadequate polymerization may affect dimensional stability, strength, porosity, and residual monomer content of the finished material.
- Do not use contaminated material or return dispensed powder to the original container.
- Keep out of reach of children.

#### ACCIDENTAL EXPOSURE

**Eyes:** Rinse thoroughly with clean water. Seek medical attention if irritation persists.

**Inhalation of dust:** Move to fresh air. Seek medical attention if respiratory irritation persists.

**Skin:** Wash with soap and water if irritation occurs.

#### CONTRAINDICATION

- Do not use in patients with known hypersensitivity to methacrylate-based denture materials or any component of the finished material. Do not use with incompatible monomer systems or for applications outside the intended purpose.

#### STORAGE

- Store in a cool, dry place away from direct sunlight, excessive heat, moisture, and sources of ignition.
- Keep the jar tightly closed in its original container when not in use.
- 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-0249- Prevalent Heat Cure Powder – Acrylic Denture Base Material Powder – 1 × 400 g Jar

**Colour Options:** Pink / Clear

#### DISPOSAL

Dispose of unused or expired material and contaminated waste in accordance with applicable local regulations. Avoid releasing significant quantities of powder 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"
-  Symbol for "CATALOGUE NUMBER"
-  Symbol for "MEDICAL DEVICE"  Symbol for "KEEP DRY"
-  Symbol for "DO NOT RSTERILE"
-  Symbol for "BATCH CODE"  Symbol for "CAUTION"
-  Symbol for "USE BY"

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