

**RAPID REPAIR OR COLD CURE
DENTURE MATERIAL
PROCESS DATA SHEET**

Type 1 Class 2
For use with removable dentures

Description

A self-curing polymer and monomer repair material designed for use at 20-21°C, suitable for all denture plates manufactured using Acrylic (methyl methacrylate). This material is suitable for bench curing or with a hydro-flask.

Suggested method of application

Preparation

Set up the repair on a plaster model and clean up the edges of the fracture. Apply separating medium to all plaster surfaces.

Mixing

Saturate 24 drops of liquid with polymer and add a further 12 drops of liquid (or 6g to 2.5mls).
Spatulate the mix for 30 seconds gently, without aerating, the material.

Application

Transfer the mixture using a thin bladed spatula, building to a greater thickness than required, the repair can be bench cured for 15-20 minutes or placed in warm water (35°C) for a minimum of 10 minutes. The material will remain in a liquefied form for 1 minute after mixing after which it will quickly form dough.

Finishing

The cured repair can be trimmed using standard burs/stones and polishing techniques.

Note:

The working and setting time will be affected by room temperature, being shorter at higher temperatures.

Health & Safety

For general health & safety see overleaf, more detailed information consult relevant Manufactured Health & Safety Data Sheets

SAFETY PRECAUTIONS

DENTAL METHACRYLATE MONOMERS

STORAGE

Store in a cool place away from direct sunlight, naked flames and sparks.
Providing the material is stored correctly the self-life is two years.

HANDLING

WHW polymer solutions containing flammable solvents and should be handled in a well-ventilated non-smoking area, away from heat and naked flames.

Contact with skin and eyes should be avoided and suitable protective clothing should be worn, i.e. overalls, gloves and goggles. In the event of contact wash immediately with copious amounts of water.

A spillage of solution should be cleaned up with sand and earth.

In the event of fire use sand, earth or suitable extinguisher.

The flash point of Methacrylate Monomer is 10°C

DENTAL BEAD POLYMERS

STORAGE

Store in a cool dry place. Providing the material is stored correctly the shelf life is 3 years.

HANDLING

Although these products present no toxic hazard care must be taken when handling to avoid the possibility of dust explosion occurring. Suitable protective clothing should be worn, i.e. Overalls, and dust mask if dust is created.

Electrical fittings in the immediate area should be dust proof.

Where exhaust systems are used they should be equipped with explosion relief panels and runs of ducting should be as short and direct as possible.