

Pegasus Pourable Cold Cure Denture Base Material Instructions for Use

Schottlander Pegasus Pourable Cold Cure Denture Base material is a self curing acrylic, based on methyl methacrylate and complies with BS EN ISO 20795-1 Type 2: Class 2. The material is colour stable since the initiator system is tertiary amine free.

WARNING

This product contains methyl methacrylate and the liquid is **highly flammable** and classed as **irritant**. Read health & safety section of these directions & request a copy of the Safety Data Sheet before use.



INDICATIONS

A self curing acrylic for relining, repairs and aesthetic full and partial dentures including those for long term retention and use.

CONTRA-INDICATIONS

People with known allergies to methacrylates should only use with suitable protection. Certain patients are unable to tolerate the wearing of appliances made from methacrylates.

PHYSICAL DATA & PROCESSING TIMES

Powder: Liquid ratio: 5g:3.5ml

The processing times depend on ambient temperature and the quantity of material mixed. The following timetable relates to 23°C, an amount of 5g powder and 3.5ml liquid and are determined from the end of mixing.

Mixing time:	approx 0.5 minutes
Pouring phase:	up to 3 minutes
Stable phase:	after 4 minutes
Viscous mouldable phase:	up to 8 minutes

WAXING & INVESTING

Invest in gypsum and follow procedure for gypsum models. Use a proprietary denture flask or silicone/plaster matrix.

WAXING REMOVAL

Immerse the flask/matrix in boiling water for five minutes. Remove and open, lift out wax and flush thoroughly with boiling water to which detergent solution has been added, followed by clean boiling water. Allow to cool.

APPLY SCHOTTLANDER ISOLATING SOLUTION

Use a clean brush to apply one coat of Schottlander Isolating Solution to all plaster surfaces. Absorb excess from around teeth while it remains fluid. Make quite sure there is none on the exposed surfaces of the teeth. Allow to dry before packing.

MIXING

Caution: Liquid flash point 9.5°C - do not mix or store near naked flame. Recommended ambient temperature for mixing and packing is 23°C. Pour liquid into a mixing vessel and add appropriate powder. Mix immediately in a steady figure of 8 motion for 30 seconds. Leave to stand for 2 minutes to eliminate air bubbles, following which the mix is ready to pour.

Care: Do not invert the vessel or over spatulate since this may entrap air and lead to porosity.



RECOMMENDED CURES

Cure at 40°C, for 10 minutes with a pressure of at least 2-3 bar. After stable phase has been reached, the material does not flow any more, during viscous mouldable phase it can be moulded.

Note: Bench cool the flask for 30 minutes prior to immersing in cold water before deflasking. Finish and polish in the usual manner. Store finished denture wrapped in damp tissue in a polythene bag.

INSTRUCTIONS FOR ADDITION & REPAIRS

Separate the fracture surfaces by approximately 1/5mm. Bevel the edges to a shallow "V" (approximately 120° angle). Apply denture base liquid on trimmed surfaces.

FOR RELINE/REBASE

Apply Schottlander Isolating Solution to model and overcast. Clean all impression material off denture and clean surfaces with denture base liquid. Roughen fit surface or denture at approx. 2mm up from the peripheral border. Apply new acrylic at first dough stage to fit surfaces and fit down onto model using overcast/matrix jig to check. Remove excess whilst soft. Polymerise as above.

STORAGE

Store at room temperature (max 23°C) and avoid prolonged exposure to sunlight. Keep containers tightly closed when not in use.

HEALTH & SAFETY

H225 Highly flammable liquid and vapour. H303 May be harmful if swallowed.
H319 Causes serious eye irritation. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H335 May cause respiratory irritation. P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P280 Wear protective gloves/protective clothing/eye protection/face protection. P303/361/353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P312 Call a POISON CENTRE/doctor if you feel unwell. P330 Rinse mouth. P501 Dispose of contents/container in accordance with local regulations.

For further information request safety datasheets.

LOT NUMBERS

The lot number and the expiry date are shown on all containers.

This product is specifically formulated for use in dentistry.

Pegasus is an internationally registered trade mark of Davis Schottlander & Davis Limited.