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Pegasus Plus Repair Acrylic
Instructions for Use

Schottlander Pegasus Plus repair acrylic is formulated for the repair of denture bases based on methyl methacrylate. Complies with BS EN ISO 20795-1:2013, Type 2, Class 1.

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

INDICATIONS
The repair of acrylic denture bases such as Pegasus Plus denture base including dentures for long term retention and use.

CONTRA-INDICATIONS
Repair of high impact denture bases where the high impact resistance is to be maintained. People with known allergies to methacrylates should only use with suitable protection. Certain patients are unable to tolerate wearing of appliances made from methacrylates.

PREPARATION
Assemble the broken parts and cast the model. Cut back the broken area to leave a 1.5mm gap and bevel the edges to form a shallow V. Protect the fitting surfaces and nearby teeth with a thin film of petroleum jelly. Coat the model with Schottlander Isolating Solution and secure the denture to the model with sticky wax.

MIXING RATIO
13g powder:10 ml liquid.

MIXING METHOD A
Moisten the contact surfaces of the repair with Pegasus Plus repair liquid. Add Pegasus Plus repair powder and continue to moisten and add the powder until the repair has been built up in excess of the thickness needed.

MIXING METHOD B
Pour 10 drops of liquid into a dry Dappen glass. Add powder evenly until all monomer is absorbed and there is a dry excess. Reverse the Dappen glass and tap in the palm of the hand to remove excess powder. Add four drops of monomer and stir gently for 20-30 seconds with spatula. Avoid trapping air. The approximate working time is 1 minute 30 seconds to 2 minutes.

APPLICATION
The mix should be free flowing - if sluggish, discard and make a new mix. Apply using a thin bladed spatula and slightly overbuild. Once in position do not disturb. Excess of flow can be controlled with a dusting of dry powder.

CURING IN FLASK
Best results are obtained with flask curing. Immerse into water at 40°C bring the pressure to 50psi (3.4 bar or 3.5kg/cm2). Hold for about 10 minutes. This may vary according to the type of flask used.

AIR CURING
It is also possible to obtain a porosity free repair by leaving undisturbed to cure in the air. In common with other acrylics the setting time is sensitive to temperature and at 23°C is approximately 15 minutes. Warm conditions decrease this time and vice versa.

FINISHING
When completely set and hard remove from model and trim and polish in the usual way.

STORAGE
Store in a dry place at room temperature (max 30°C) and avoid prolonged exposure to sunlight. Keep containers closed when not in use.

HEALTH & SAFETY
Warnings: Liquid contains methyl methacrylate monomer. H225 Flammable liquids. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H335 May cause respiratory irritation.

Precautions: P403 Store in a well ventilated place. P210 Keep away from heat/sparks/open flames/hot surfaces – 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): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. P312 Call a POISON CENTER or doctor/physician if you feel unwell. P330 RInse mouth. P501: Dispose of contents/container in accordance with local regulation.

For further information download a Safety Data Sheet from www.schottlander.com

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

This product is specifically formulated for use in dentistry.

Where this product is shown as having been certified as a medical device in the European Union under the Medical Device Directive 93/42/EEC by SGS CE1639, this is exclusively for the indication(s) shown in the above Instructions for Use. Other non-medical uses ascribed to this device are not within the scope of CE certification, and users should be aware that product performance and/or safety has not been evaluated by SGS for those purposes.

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