

## 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, 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/cm<sup>2</sup>). 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 23°C) and avoid prolonged exposure to sunlight. Keep containers closed when not in use.

## HEALTH & SAFETY

**Warning:** Liquid contains methyl methacrylate monomer. H224 Extremely flammable liquid and vapour. H319/335/315 Irritating to eyes, respiratory system and skin. H317 May cause an allergic skin reaction.

**Precautions:** P403 Store in a well ventilated place. P210 Keep away from heat/sparks/open flames/hot surfaces - No smoking. P391 Hazardous to the aquatic environment. Do not empty into drains. P243 Take precautionary measures against static discharge. P262 Do not get in eyes, on skin, or on clothing. P280 Wear protective gloves and eye protection. P301/315 If swallowed seek medical advice immediately and show the container or label. After use wash hands thoroughly with soap and water.

**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.