

## Resinlay Speed Pattern

Self-curing acrylic resin for dental casting patterns

Resinlay Speed Pattern is a self-curing acrylic resin (powder and liquid) developed mainly to fabricate casting patterns. With ultrafast curing (5 minutes), low contraction and easy application, because of its low flow, the resin provides a fast and accurate work, both in the dental office and in the laboratory. Resinlay Speed Pattern meets the requirements of ISO 20795-1, Type 2, Class 1, thus ensuring high-quality results.

### Indications:

Resinlay Speed Pattern is recommended for the following applications: Manufacture of carved resin patterns for transfer copings and inlays/onlays. Manufacture of telescopic crowns, lingual bars, connectors and hooks. Manufacture of Maryland bridges and adhesive bridges. Manufacture of bars for implant protocols. Manufacture of carved fixed dental prostheses. Manufacture of implant superstructures. Intracanal impressions for manufacturing cast metal cores. Fixing of weldings and implant transferents. Manufacture of unitary trays for impressions. Temporary screens for welding.

### Use:

Shake the powder bottle before use. Place the powder in one Dappen dish and the liquid into another. With the model properly isolated, start carving the pattern, using a n° 2 pre-contoured mink-hair brush. In case of intracanal impressions, for manufacturing cast metal posts and cores using direct technique, avoid contact of resin with oral tissues. We advise the use of insulation paste to avoid dimensional changes of the plaster model and to ensure a perfect separation. Dip the brush into the liquid and then into the powder, applying it on the preparation to achieve the desired shape. After polymerization (5 minutes), remove the prosthesis from the model. Finishing is performed in the usual manner. It is recommended that the initial finishing be carried out using with a low-speed diamond bur. Before investing the cast, it is recommended that the resin is covered with a thin layer of wax, to avoid cracks in the impression.

### DANGER:



**Warnings, precautions and restrictions:** For dental use only. Professional use. Handle the product in a ventilated place, using a spatula, wearing disposable gloves, goggles and a mask. It is advisable to handle the product at room temperature (20° to 25°C). Keep the packaging closed at all times. When there is proven allergy to any of its components, the product must not be used. It is not advisable for pregnant women and infants to handle this product. Follow the usual procedures for microbiological control during handling. Containers, instruments and hands must be clean, to avoid contamination of the prosthesis and of the patient with microorganisms. Containers, instruments, components, and the hands should be free of wax or grease so that a proper chemical bond may be achieved between the resins. Follow the directions for use to avoid the presence of residual monomer in the manufactured prosthesis, changes in color, breakage and accelerated wear. Failure to follow the directions for use may affect product performance. Never let cured material contact mouth tissues. Monomer can lead to irritation of the patient. The product must not be used with any other chemically activated resin, to avoid dimensional changes in the patterns. Never place dispensed powder and liquid back into their respective bottles. Never reuse packaging. Wash hands thoroughly after handling. Resin: May form flammable air/powder mixtures. The Material Safety Data Sheet for this product can be requested by phone. Any serious incident related to the device should be reported to the manufacturer and the competent authority of the Member State in which the user and/or patient is established. Liquid: Flammable product. Ignition temperature of the liquid: 421.4°C. Flash point: 10°C. Keep away from any sources of ignition - Do not smoke. Highly flammable liquids and vapors. Causes skin irritation. May cause allergic skin reactions. May cause irritation of the respiratory tract. Causes damage to blood system by repeated or prolonged exposure. Harmful to aquatic organisms. Keep away from heat, sparks, naked flames and hot surfaces. Keep container tightly closed. Avoid inhalation of mist and vapors. Powder: Causes skin irritation. May cause allergic skin reactions. May cause irritation of the respiratory tract. Suspected of causing cancer. May affect the fertility or fetus. Causes damage to hearing organs by repeated or prolonged exposure. Highly toxic to aquatic organisms with long lasting effects. Obtain specific instructions before use. Do not handle the product until you have read and understood all safety precautions. Avoid inhaling dust.

### Composition:

**Powder:** Powder: Methyl polymethacrylate (PMMA) and organic pigments.  
**Liquid:** Methyl methacrylate (MMA), Dimethyl p-toluidine (DMPT) and Butylated hydroxytoluene (BHT).

### Storage:

**Powder:** Store in a dry, cool place, sheltered from sunlight.  
**Liquid:** Store in a dry, cool place, sheltered from sunlight. Do not store the product in temperature above 30°C.

**Disposal:** Waste must be disposed of in an industrial or sanitary landfill, in compliance with local legislation in force. Never dispose of waste in sewers, waterways or household waste

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Dispositivo Médico  
Medical Device