

Resinlay Speed

Self-curing acrylic resin for temporary tooth restorations

Resinlay Speed is a self-curing acrylic resin (powder and liquid) developed mainly for making temporary restorations. With ultrafast polymerization (8 minutes), Resinlay Speed resin allows the professional to make temporaries within a few minutes. The fluorescent and crosslinked liquid provides natural appearance to the tooth and makes the temporary restoration more resistant. Its powder form is available in the main colors. Resinlay Speed meets the requirements of ISO 22112, ensuring high-quality results.

Indications: Resinlay Speed is recommended for the following applications: Temporary crowns on dental preparation and implant, fixed and removable bridges, veneers, inlays and onlays; Fixation of crowns on removable and fixed bridges; Intrinsic characterization of artificial teeth in acrylic resin; Rebase/relining of temporary crowns; Manufacture of permanent crowns and filling of retentions in CRP (Complete Removable Prosthesis) and PRP (Partial Removable Prosthesis), if used with liquid Thermo TDV.

Use: Technique 1 – Conventional: When working on plaster models, hydrate the model for 10 minutes to avoid formation of bubbles during polymerization. Shake the powder bottle before use. Put the liquid in the Dappen dish, then add the powder gradually. The proportion of the components of the Resinlay Speed resin is 3 parts powder to 1-part liquid (v/v). Mix until a homogeneous mixture is obtained (it is recommended to use a 36 spatula). Wait until the resin is in the dough stage. With the plaster model properly sealed, spread the resin evenly, with the aid of the monomer. Remove excess with a lecron carver soaked in the monomer. After polymerization (8 minutes), remove the prosthesis from the model. To avoid porosity, place the model in a polymerizer, submerged in water, and apply a pressure of 20 psi. The impression can be performed directly in the patient's mouth in the case of temporary onlays or inlays and veneers (use in the dental office). For such applications, it is advised to isolate the gingiva and remaining teeth with insulating liquid. Put the temporary restoration in full occlusion. Adjust the points of contact. Check lateral and protrusive movements. Finishing is performed in the usual manner. We advise performing the initial finishing with a tungsten bur and then use with an abrasive disc to even the surface. Clean the dental work with water and detergent. Dry the acrylic surface well, with oil-free compressed air. Polishing is performed in the usual manner. **Technique 2 – Brush:** Hydrate the plaster model for 10 minutes to avoid formation of bubbles during polymerization. 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 temporary restoration, using a #2 pre-contoured mink-hair brush. Dip the brush into the liquid and then into the powder, applying it on the preparation to achieve the desired shape. After polymerization (8 minutes), remove the prosthesis from the model. Put the temporary restoration in full occlusion. Adjust the points of contact. Check lateral and protrusive movements. Finishing is performed in the usual manner. We advise performing the initial finishing with a tungsten bur and then using an abrasive disc to even the surface. Clean the dental work with water and detergent. Dry the acrylic surface well, with oil-free compressed air. Polishing is performed in the usual manner. **Technique 3 – Powder/Liquid (dripping):** Hydrate the plaster model for 10 minutes to avoid formation of bubbles during polymerization. Shake the powder bottle before use. With the plaster model properly sealed, apply a 1-mm thick layer of powder and then moisten with the liquid (dripping it) until it is totally absorbed by the powder. Apply several successive layers to achieve the desired shape. After polymerization (8 minutes), remove the prosthesis from the model. Put the temporary restoration in full occlusion. Adjust the contact points. Check lateral and protrusive movements. Finishing is performed in the usual manner. We advise performing the initial finishing with a tungsten bur and then using an abrasive disc to even the surface. Clean the dental work with water and detergent. Dry the acrylic surface well, with oil-free compressed air. Polishing is performed in the usual manner.

Shades: Available on the shades Yellow 60, 61, 62, 65, 66, 69, 81 and Incisal.

Warnings, precautions and restrictions:

For dental use only. For 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 container 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 parts and the patient with micro-organisms. Containers, instruments, parts and hands must be free of wax or grease in order to provide an adequate chemical bond between the resins. The failure in complying with the instructions for use may affect product performance. Do not return powder and liquid dispensed in their respective pots. Do not reuse containers. 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. **Resin:** May form flammable air/powder mixtures. **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. Harmful to aquatic organisms Causes skin irritation. May cause allergic skin reactions. May cause irritation of the respiratory tract. Harmful to aquatic organisms. Keep away from heat, sparks, naked flames and hot surfaces. Keep container tightly closed. Avoid inhaling mist, vapors and dust. Use only outdoors or in a well-ventilated area. **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. 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. Wash hands thoroughly after handling.

Composition: Powder: Methyl polymethacrylate (PMMA) and organic pigments.

Liquid: Methyl methacrylate (MMA), dimethyl p-toluidina (DMPT), butylated hydroxytoluene (BHT), Ethylene glycol dimethacrylate (EGDMA) and fluorescent pigment.

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 liquid in temperatures over 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.

Powder	DANGER	
		
Environment	Health hazard	Irritating
ONU 3077		

Liquid	DANGER	
		
Flammable	Irritating	
ONU 1247		



Dispositivo Médico
Medical Device

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Fabricante / Manufacturer: TDV Dental Ltda.

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