



St. George Technology
Performance Polymers

Complies with ISO 20795-2:2010 Type I, Class I

CADMIUM FREE

Excel Formula®
Orthodontic
Auto-Cure
Denture Base Material

DIRECTIONS FOR USE

Our high performance polymers have been formulated to achieve their unique properties and working characteristics through the specific combination of base powder and corresponding monomer liquid. Curing, handling and color cannot be guaranteed if another liquid is used.

Model Preparation

If model is dry, submerge in water until bubbling ceases; this is to ensure all air is removed from the stone. Coat surface with isolating solution and allow to dry thoroughly. Assemble wire framework on model.

Application

The "salt & pepper" technique is recommended. First, wet surface of model with liquid, then sprinkle powder on model in a thin layer. Saturate powder by slowly adding liquid with a dropper bottle. Continue adding powder and liquid alternately until the desired thickness is achieved. Too much liquid added at one time may result in excessive flow, which can be controlled by the addition of more powder. Trim excess material while still in rubbery dough stage by using a sharp instrument. Smooth surface of appliance using liquid and a brush. Allow time to cure or use a hydroflask to prevent formation of bubbles. Cure time is approximately 20 minutes at 23°C (73°F) or 10 minutes in hydroflask at 40-45°C (104-113°F) and 35-40 lbs. pressure. Trim and polish in normal manner.

Storage

Dental acrylics based on methyl methacrylate should be stored in a cool (16-26°C, 61-79°F), dry place. Avoid prolonged exposure to sunlight. Keep containers closed when not in use.

Caution

Liquid contains methyl methacrylate monomer. Highly flammable, keep away from sources of ignition. NO SMOKING. Irritating to eyes, skin and respiratory system. May cause sensitization by skin contact. Keep container in well-ventilated area. Do not empty into drains. Take precautionary measures against static discharge. Wash hands thoroughly with soap and water after each use. In case of accidental contact with eyes, wash with warm water for 10 minutes and seek medical attention.

St. GEORGE TECHNOLOGY, Inc. warrants that the product(s) contained in this package shall conform to the specifications for this product as represented to the Federal Food and Drug Administration. When used in accordance with our directions and good laboratory practices, this product will achieve optimum results. St. George Technology, Inc. agrees to replace, at its option, any product which is found to be defective.

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