



St. George Technology
Performance Polymers

Complies with A.D.A. Specification No.13:1981 Type 1, Class 2
ISO 20795-1:2008 Type I, Class 2

CADMIUM FREE

Excel Formula®

Repair

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

Cast model using suitable hard plaster and coat with isolating solution. Ensure prosthesis is free of wax, and roughen surfaces to be repaired, extended or relined.

Mixing

Pour liquid into mixing vessel and sprinkle on powder until a shallow layer of liquid remains. Mix for 30 seconds with gentle to and fro movement to avoid air entrapment. Recommended powder/liquid ratio is 6.5g. / 5ml.

Application

Use immediately after mixing while in pourable consistency (approximately 1.5 to 2 minutes) by applying to the roughened surfaces of prosthesis. Sprinkle exposed surface of dough with a little powder to prevent excessive flow. Alternative salt & pepper" or "brush" techniques may also be used.

Allow to bench 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. of 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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