

## Special Tray Monomer (For Instant Trays) Instructions For Use

### INTENDED USE:

Special Tray material for

1. Individual impression trays.
2. Base plates & stabilized base plates.

### COMPOSITION:

Monomer

### PRODUCT DESCRIPTION & PROPERTIES:

SPECIAL TRAY material is an instant tray material with unique properties developed specially for individual impression trays, base plates and stabilized base plates. Upon mixing with Monomer it produces dough like material that is soft. It does not become rubbery and will not pull away from the model during curing. SPECIAL TRAY cures directly on the model at room temperature. Finished tray will not warp or break in use. Tray can be completed in 20 to 30 minutes.

### PROCEDURE FOR USE & PRODUCT HANDLING:

**Mixing & Curing:** For an average size tray 30ml (21g) powder and 10ml liquid should be enough. Add powder to the mixing cup and pour liquid to the powder. Mix for about 25 seconds and the dough is about ready for use. The curing time is approximately 10 to 15 minutes at room temperature.

### Individual Trays:

- 1) Make stone or plaster model from individual preliminary impression.
- 2) Fill in under cuts with wax and soak the model in water or apply cold mould seal to avoid sticking. For a tray with space for impression material, warm and adapt a sheet of modeling wax (base plate wax) to the cast and trim the borders as desired. Cut holes in the spacer wax over ridge areas. These holes will provide stops. A pencil eraser socket could be used to cut holes. Place little dough of Special Tray in the holes.

- Remove the dough from the mixing jar and flatten between the fingers in a disc form of about 2" in diameter.
- Lay this disc over the palate area of the wet or cold mould seal treated model and work the material over the ridge to the peripheral borders.
- Work all excess towards the post dam area and trim with spatula.
- Use the excess to form a handle. Use little liquid for excellent bond of the handle. Shape and press material into position to attach.
- Set aside for curing.
- The individual tray is ready after about 10 minutes.

**Note:** The wax spacer should be peeled away after about 10 minutes while the tray is still warm. Otherwise wax will have to be flushed out with boiling water.

### Stabilizing the base plate:

- Block severe under cuts on the model with wax.
- Soak the model in water or apply cold mould seal.
- Adapt base plate, remove and trim.
- Mix 15ml (about 11g) powder and 5ml liquid for about 15 seconds. Pour into tissue side of the performed base plate.
- Reset base plate on the treated model, apply gradual pressure from anterior towards posterior.

- Trim away excess.

- Stabilized base plate may be removed any time after about 10 minutes.

### Procedure for Bridge Trays:

A stone model is not necessary, adapt impression compound over abutment teeth and area to be covered. Chill and permit compound to harden. Adapt special tray dough to the desired outline over the surface of the compound firmly.

### CAUTION / WARNING:

1. Ensure device to be used only by a qualified dentist or dental technician.
2. Avoid exposure to any kind of heat source as the liquid is flammable.
3. Unset material should not be inserted into the patient's mouth, as the liquid may cause irritation to the mucosal surface.
4. Avoid exposure of the unset mixture to direct flame or heat as it may cause vaporization of the monomer and affect the dimensional stability of the set resin. The unset liquid may boil or ignite.
5. The recommended disinfectant solution for the cured resin is 2% chlorhexidine solution.

### PRECAUTIONS:

- 1) Avoid contact with eyes, avoid inhalation of the liquid. Do not take internally.
- 2) Skin Contact: if unset material comes in contact with Skin, it may cause skin burn / sensitization. If contact with skin occurs immediately remove excess material and cleanse with soap and water on contacted part. If skin rash and sensitization or other allergic reaction occurs seek medical attention.

### CONTRAINDICATION:

It should not be used with patients who have a history of severe allergic reaction to any of the components.

### INTERACTIONS WITH OTHER DENTAL MATERIALS:

No such Reactions Noted. Kindly communicate and inform manufacturer in details of any instances.

### ADVERSE REACTIONS:

Mild allergic reaction to the monomer have been reported in use of similar products from other manufacturers. The reaction may present as a mild irritation to ulcers in the mucosa contacting the resin. In case of allergic reaction, kindly advise the patient to discontinue the use of denture and consult the dentist at the earliest. Kindly communicate and inform manufacturer in details of any instance.

### STORAGE CONDITIONS:

- 1) Keep Away from Direct Sunlight or any source of heat.
- 2) Keep locked up and out of the reach of children.
- 3) Store at Temp. between 10°C to 30°C
- 4) Shelf life is not affected after opening if stored in a cool dry place.

### DISPOSAL CONDITIONS:

Dispose in accordance with local, state and federal environmental regulations.

**This product is specially formulated for use in dentistry and to be used by qualified dental personnel.**

### Manufactured by:

#### Shiva Products

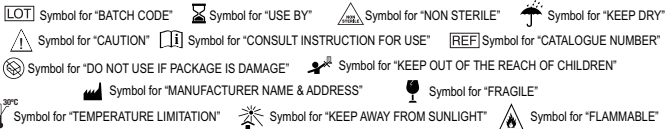
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These instructions for use should be kept for the duration of product use.



The material has been developed solely for professional dental use. Application should be carried out strictly according to the instruction for use. Liability cannot be accepted for damages resulting from failure to observe the instructions of the stipulated area of applications. The user is responsible for testing the material for its suitability and use for any purpose not explicitly stated in this instruction sheet. Description and data constitute no warranty of attributes and are not binding.