

## Shellac Base Plate

### INTENDED USE:

Fabrication of trial denture base and custom impression tray during prosthetic rehabilitation in edentulous patients.

### COMPOSITION:

Shellac, Fillers, Additives, Pigments & Excipients

### PRODUCT DESCRIPTION & PROPERTIES:

Shellac base plate contains shellac which is a natural resin having low fusing properties and fillers for brittleness making it ideal for fabrication of trial denture base during making of Acrylic / Flexible dentures. It can also be used to fabricate custom impression trays for recording secondary impression in completely edentulous patients.

Shellac being a low fusing natural resin is dimensionally stable at working room temperature and has a softening point between 50-60°C, making it comfortable for handling.

It can be easily moulded or adapted to the desired shape by softening it uniformly, it retains the given shape and does not shrink or wrap back on cooling.

### TYPES:

Type	Working Temperature
LMP	47-49°C
HMP	51-53°C
Tropical	54-56°C

### COLOR & THICKNESS:

Refer to outer packaging

### PROCEDURE OF USE & PRODUCT HANDLING:

**a) Fabrication of Trial Denture base:** Trial denture is fabricated using Shellac base plate over the final impression model, to facilitate in recording the occlusal relation and teeth arrangement.

- Shellac base plate is heated directly on flame, to soften its consistency making it adaptable.
- Softened plate is adapted on gypsum model with uniform pressure to maintain the thickness of the trial denture at 1-2mm.
- Excess shellac extending outside the model is cut by using a hot wax knife.
- The border is moulded to maintain the thickness of the flanges, to give extra strength to the trial denture base.

### b) Fabrication of custom impression trays:

- The desired tray extension is drawn on the plaster model, Shellac base plate is softened to adaptable consistency over direct flame.
- The softened shellac is adapted on the plaster model, the excess part of the plate is cut using a hot wax knife.
- The border extension is kept approximately 2-3 mm above the depth of the vestibule, to provide the space for border moulding.
- The handle is moulded and attached to the custom tray using the excess material.

### CAUTION / WARNING:

- Softened / Molten shellac base plate may cause burns to skin if it is overheated.
- If the shellac base plate is heated above 100°C while heat source remains active, the plates may ignite and burn on their own.
- Ensure device to be used only by a qualified dentist or dental technician.
- Avoid inhalation of hot Shellac base plate vapours.
- Shellac base plate should be inserted into the patient's mouth for a short time and not continuously.

### PRECAUTIONS

- Avoid prolonged or repeated contact with skin (allergic contact dermatitis), avoid contact with eyes and inhalation of the fumes. Do not take internally.
- Skin Contact: If hot material comes in contact with Skin, it may cause skin burn / sensitization, if contact with skin occurs immediately remove excess material and pour water on contacted part. If skin rash and sensitization or other allergic reaction occurs seek medical attention.

### CONTRAINDICATIONS:

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 instance.

### ADVERSE REACTIONS :

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

### STORAGE CONDITIONS:

- Keep Away from Direct Sunlight
- Keep Away from Moisture
- Keep locked up and out of the reach of children.
- Store at Temp. between 10°C to 30°C
- Shelf life not affected after opening if stored in a cool dry place.

### PACKING:

Refer to outer packaging

### 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

HO: 214, Bluebell Indl. Estate, Chinchpada, Vasai (East),  
Dist. Palghar, 401 208, Maharashtra, India

B-18, Dwarka Indl. Est., Naik Pada, Waly, Vasai (East),  
Dist. Palghar - 401 208, Maharashtra, India

www.maarcidental.com | care@shivaproducts.net | +919967806543

EC	REP
----	-----

### Obelis S.A

Bd GénéralWahis, 53,  
B-1030 Brussels, Belgium  
Tel: +3227325954 | Fax: +3227326003  
Email: mail@obelis.net



Revision	05
Date	23-12-2020

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

Symbol for "BATCH CODE"   Symbol for "USE BY"   Symbol for "NON STERILE"   Symbol for "HANDLE WITH CARE"

Symbol for "CONSULT INSTRUCTION FOR USE"   Symbol for "CATALOGUE NUMBER"   Symbol for "KEEP DRY"

Symbol for "EUROPEAN COMMUNITY AUTHORIZED REPRESENTATIVE"   Symbol for "DO NOT USE IF PACKAGE IS DAMAGE"

Symbol for "KEEP OUT OF THE REACH OF CHILDREN"   Symbol for "MANUFACTURER NAME & ADDRESS"

Symbol for "TEMPERATURE LIMITATION"   Symbol for "KEEP AWAY FROM SUNLIGHT"

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.