



SOVEREIGN HIGH IMPACT ACRYLIC

Material

High impact denture base material is a rubber-modified polymer of methyl methacrylate. It exhibits higher impact strength than conventional denture base materials based on polymethyl methacrylate. Complies with the current version of Denture base standards EN ISO 20795-1 Type I, Class I.

Indications

Heat cure acrylic for aesthetic full and partial dentures.

DIRECTIONS FOR USE

Waxing and Investing

Follow normal procedure for gypsum models.

Wax Removal

Immerse the flask in boiling water for five minutes. Remove and open flask, lift out wax and flush thoroughly with boiling water to which detergent solution has been added followed by clean boiling water. Allow cooling.

Apply Plaster Coating Solution

Use a clean brush to apply plaster coating solution to all plaster surfaces. Absorb excess around teeth while it remains fluid and make sure there is none on the surface of the teeth. Allow to dry before packing.

Mix

Recommended ambient temperature for mixing and packing is 23°C. Pour liquid (Hi Impact Liquid) into a mixing vessel and add appropriate quantity of powder in a slow steady stream until an excess appears on the surface. Powder : Liquid ratio is 21gm:10ml.

Thoroughly mix for 1 minute, cover the vessel and wait for the mix to reach dough stage for packing and pressing- 12-25min. The dough stage is reached when the mix can be cleanly separated from the walls of the mixing vessel with a spatula and does not feel sticky and stringy.

Pressing/ Packing

Pack the material into the mold, ensuring that the temperature of the flask is around 23°C and cover with a thin polythene sheet. Assemble the flask and close under a press. Open the flask, paint the model half of the flask with plaster coating solution, remove separating sheet and cut away the flask. Reassemble the flask and close under a press and transfer to security flask clamp.

Caution

Hi Impact Liquid must be used in conjunction with Hi Impact Resin

Normal Dentures

Immerse the clamped flask in warm water. Bring to boil and simmer for 45 minutes.

Thick Dentures

Place flask at 70°C for 1½ hours, then boil for 30 minutes. Bench cool for 20 minutes, then place in cold water before de-flasking.

Note

After all curing cycles, bench cool for 20 minutes prior to immersing in cold water before de-flasking. Finish and polish in the usual manner.

STORAGE

Store at room temperature (16-23°C) and avoid prolonged exposure to sunlight. Keep containers tightly closed when not in use.

This product is specifically formulated for use in Dentistry.

WARNING FOR LIQUIDS (Hi Impact Liquid)



Highly Flammable

R11
R36/37/38

R43
S9

S16

S24/25

S29

S46

S60



Irritant

Highly flammable
Irritant to eyes, respiratory system and skin

May cause sensitisation by skin contact
Keep container in a well ventilated place

Keep away from sources of ignition- No Smoking

Avoid inhalation & contact with skin and eyes. Wear suitable protective clothing and gloves

Do not empty into drains

If swallowed, seek medical advice immediately and show the container or label.

This material and its container must be disposed of as hazardous waste

Contains Methyl Methacrylate
Flashpoint 11°C

WARNINGS AND CAUTIONS:

-IN EXTREME RARE CASES MAY CAUSE SENSITISATION BY SKIN CONTACT

-USE ONLY BY TRAINED PROFESSIONALS

-IT IS THE RESPONSIBILITY OF THE TRAINED PROFESSIONAL TO ENSURE THAT THE PRODUCT IS

SUITABLE FOR END USER

-STORE BETWEEN 16C TO 23C AWAY FROM DIRECT SUNLIGHT

-DISPOSABLE OF UNCURED LIQUID MUST BE CARRIED OUT IN ACCORDANCE WITH MATERIAL -

-SAFETY DATA SHEET AND MIXED POWDER AND LIQUID CAUSES EXOTHERMIC REACTION

-IF THE DEVICE HAS BEEN PLACED IN THE ORAL CAVITY THEN IT MUST BE DISPOSED OF AS

POTENTIALLY BIOLOGICAL HAZARD WASTE

-THE USER AND/OR THE PATIENT MUST REPORT ANY SERIOUS INCIDENT THAT HAS OCCURRED IN

RELATION TO THE DEVICE TO THE MANUFACTURER AND THE COMPETENT

AUTHORITY OF THE ---

MEMBER STATE IN WHICH THE USER AND/OR PATIENT IS ESTABLISHED

