

## PRIMSOLE

### INSTRUCTION FOR USE

#### 【INDICATIONS】

- FOR DENTAL USE ONLY
- Vinylpolysiloxanes may cause irritation or other allergic reactions.

#### 【CONTENTS】

PRIMSOLE	
PJ8080	PRIMSOLE Putty Soft Normal Set 250ml+250ml jars
PJ8081	PRIMSOLE Putty Soft Fast Set 250ml+250ml jars
PJ8020	PRIMSOLE Medium Body Normal Set 2x50ml cartridge + 12 mixing tips gray
PJ8030	PRIMSOLE Light Body Normal Set 2x50ml cartridge + 12 mixing tips gray
PJ8031	PRIMSOLE Light Body Fast Set 2x50ml cartridge + 12 mixing tips gray

#### 【DESCRIPTION / USE】

**PRIMSOLE Putty Soft Normal Set / PRIMSOLE Putty Soft Fast Set:** putty consistency addition-curing silicone for the first impression, suitable for all techniques where hand-mixing material is required for filling the impression tray.

#### **PRIMSOLE Medium Body Normal Set:**

medium viscosity, hydro-compatible and thixotropic addition-curing silicone for high precision impression.

#### **PRIMSOLE Light Body Normal Set / PRIMSOLE Light Body Fast Set:**

low viscosity, hydro-compatible addition-curing silicone for high precision impression.

PRIMSOLE products, combined according to the appropriate techniques, are suitable for impressions in fixed prosthesis, bridges, crowns, inlays, onlays, partial dentures, implants, position impressions, impressions for temporary and relining dentures.

#### 【INSTRUCTION FOR USE】

#### **PRIMSOLE Putty Soft Normal Set / PRIMSOLE Putty Soft Fast Set** – hand mixing

Take equal amounts of the two components with the proper scoop, being careful to manipulate only the material that will be used (to prevent contamination). Close the jars and start mixing until a homogeneous color is obtained (around 30 secs). For a better retention to the impression tray, apply a thin layer of adhesive specific for A-silicone. Observe the manufacturer instruction for adhesive. Proceed on the base of the selected impression technique.

#### **PRIMSOLE Medium Body Normal Set / PRIMSOLE Light Body Normal Set / PRIMSOLE Light Body Fast Set**

– 50 ml cartridge for 1:1 dispenser

Insert the cartridge into the manual dispenser 50 ml. The notch “V” on the basis of the cartridge should be facing down.

Lock down the appropriate device of the dispenser. Remove the cap by rotating ¼ turn counterclockwise.

By acting on the lever of the dispenser, dispense a small amount of material until the two components come out evenly.

Delete the extruded material and mount the mixing tip in the reverse order to the removal of the cap. Insert the tip intra-oral for direct application on prepared teeth.

#### **IMPRESSION TAKING**

In case of the double impression technique (“two steps”), take the first impression with PRIMSOLE Putty Soft Fast Set or PRIMSOLE Putty Soft Normal Set. Once hardened, remove the tray from the mouth, rinse thoroughly and dry with spray air.

With sharp instrument, remove undercut area from the impression as usual, then apply PRIMSOLE Light Body Fast Set (possibly also on the preparations) and proceed with taking the second impression.

In the case of simultaneous impression technique (double mix or “one

step”), apply PRIMSOLE Light Body Normal Set or PRIMSOLE Medium Body Normal Set directly on the preparations, simultaneously load the tray with PRIMSOLE Putty Soft Normal Set, thus introducing into the oral cavity and wait full setting.

#### **DISINFECTION**

After cleansing, the impression can be treated with specific disinfectants for elastomeric materials. Check and follow the instructions provided by the manufacturer.

#### **PREPARATION OF MODELS / GALVANISATION**

Impressions can be cast immediately after disinfection and they are not affected up to two weeks when stored properly.

It is recommended to use model materials (plaster or resin), specific for dental use. The impression materials PRIMSOLE can be galvanized for electro-deposition and they are compatible with all CAD/CAM systems.

#### **【STORAGE AND EXPIRY】**

Store in a dry place at a temperature of 5-27°C (41-80°F). Protect from heat. The materials are guaranteed until the expiration date when stored in their properly closed containers. The production lot and the expiration date are indicated on the packaging.

#### **【PRECAUTIONS AND WARNINGS】**

Don't use in combination with polyether or condensation silicones. Avoid contact with latex gloves. Vinyl or nitril gloves are recommended. Carefully wash the hands if latex gloves have been worn, since interactions can be occurred (inhibition of the polymerization). Avoid contact with astringents containing sulphate. Carefully read the manufacturer's instructions. Do not use to patients with known or suspected sensitivity to silicone because it can cause allergic reactions. Do not swallow, avoid contact with eyes.

#### **【TECHNICAL DATA】**

Technical data	Putty Soft Normal	Putty Soft Fast	Medium	Light Normal	Light Fast
ISO 4823/ADA spec. 19	Type 0 putty consistency	Type 0 putty consistency	Type 2 medium bodied consistency	Type 3 light bodied consistency	Type 3 light bodied consistency
Mixing ratio	1:1	1:1	1:1	1:1	1:1
Mixing time (23°C/73°F)	30"	30"	Automixing	Automixing	Automixing
Total working time (23°C/73°F)	2'	1'30"	2'	2'	1'30"
Time in mouth (35°C/95°F)	3'30"	2'30"	3'30"	3'30"	2'30"
Setting time (35°C/95°F)	5'30"	4'	5'30"	5'30"	4'
Hardness Shore - A	64 ± 2	64 ± 2	50 ± 2	45 ± 2	45 ± 2
Linear dimensional change	< 0.2%	< 0.2%	< 0.2%	< 0.2%	< 0.2%
Recovery from deformation	> 99.5%	> 99.5%	> 99.5%	> 99.5%	> 99.5%

Higher temperatures reduce the times, lower temperatures increase them

#### **【LIMITATION OF THE RESPONSIBILITY】**

The indications related to the products, both in oral form and written, are founded on the knowledge and experience acquired in dental field. The professional users are kept however to follow the indications for the use and to verify the fitness of the product according to the type of application. The professional user is assumed all the responsibilities for the consequential risks from an incorrect use of the products. A possible defectiveness of the products limits the responsibility of the manufacturer to the value of the products used by the professional.

**【MANUFACTURER INFORMATION】**



**Premium Plus Japan Co., Ltd.**

5th Floor, 1-1-31, Nishimidorigaoka, Toyonakashi,

Osaka 560-0005, Japan

T: +81 6-6845-0066

[info.japan@premiumplus.jp](mailto:info.japan@premiumplus.jp)

[www.premiumplus.jp](http://www.premiumplus.jp)