

Instructions for use SAM-P (Putty Soft)

Reference SAM45

SAM-P Putty Soft is a VPS precision impression material with high consistency, based on addition-cured silicone.

Indication

Correction impression or double mixing technique in combination with SAM-LR or SAM-LF Light Body for capture of full mouth impressions for fixed orthodontics and sequential aligner therapy. The material is also highly suitable for all forms of crown and bridge impressions.

Impression trays and adhesive

Perforated or non-perforated, metal or resin trays can be used with SAM-P Putty. When selecting an impression tray, ensure that there is adequate space available between the tray wall and dental arch. Tray adhesive for VPS should be applied as a thin, uniform film to improve the adhesion of SAM-P Putty to non-perforated trays. Allow the tray adhesive for VPS to dry for 3 minutes before loading the impression tray.

Recommended use

Preparing the impression

Prepare the SAM-LR or SAM-LF Light Body wash material and check that the outlets of the safety cartridges are free from obstruction shortly before application. Used mixing tips serve as a seal until the next application. Never re-use the original seals of the safety cartridges! This can cause unintentional curing due to contamination of the base and catalyst paste. If retraction liquids have been used, thoroughly rinse and dry the treatment site prior to taking the impression.

Mixing of the material

Knead equal parts of base and catalyst of SAM-P Putty Soft with fingertips for at least 30 seconds until the color is homogeneous. Use latex free gloves when mixing, do not use latex gloves. Close lids immediately after use. Do not interchange the lids of the jars.

Correction impression

Insert the impression tray loaded with SAM-P Putty into the patient's mouth. Maintain this position until the recommended time in mouth of the material. Thoroughly clean and dry the impression after removal (refer to disinfection procedure on the following page). Prepare escape channels in the preliminary impression and remove high spots before taking the wash impression.

Apply SAM-LR or SAM-LF Light Body wash material in the impression and syringe wash material around the prepared teeth if necessary. Re-insert the loaded preliminary impression into the patient's mouth observing the working and setting times of the wash material. Do not wait longer than 30 minutes between the preliminary impression and wash impression to ensure that the two impression materials bond together.

Double mixing technique

While the assistant loads the tray with Putty, the operator can syringe around the prepared teeth with SAM-LR & SAM-LF Light Body. Loading the tray and syringing round the prepared teeth should be completed simultaneously if possible, as the wash material sets quicker than the tray material due to the higher intraoral temperature. Insert the impression tray into the patient's mouth. Maintain this position for the recommended time in mouth of the patient.



Instructions for use continued.....

Disinfecting and pouring the impression

The impression can be disinfected with commercially available immersion solutions. We recommend using a 2% glutaraldehyde solution.

Ensure that the disinfectant is indicated for use with addition-cured impression silicones. Immerse the impression for approximately 10 to 15 minutes. Then rinse under running water for 15 seconds. Keep the impression at normal room temperature (max. 25 °C / 77 °F) and pour the impression no sooner than 30 minutes after removing it from the patient's mouth.

Please note

Do not use with condensation-cured or polyether impression materials. Avoid contact of the impression with organic solvents or liquids containing solvent, as this can cause the material to swell and lead to inaccuracies. Retraction solutions should be thoroughly sprayed and dried before taking the impression to avoid them impairing the setting properties. Do not use with latex gloves. In rare cases it cannot be ruled out that predisposed patients may develop hypersensitivity to individual components of the material.

Technical data

SAM-P (Putty Soft)

Working time (incl. mixing time) ≤ 1:30 min.

Recommended time in mouth ≥ 3:30 min.

Strain in compression app. 2.0 – 2.8 %

Compression set ≤ 0.7 % Shore-A hardness (after 24 h) ≤ 68

Times refer to normal room temperature (23 °C / 73 °F) and a normal relative humidity (50%). Higher temperatures shorten, lower temperatures increase those times.

Composition

Vinyl polysiloxanes (VPS), silicon dioxide, platinum catalyst, paraffin, tensides and in small amounts stabilizers and additives.



Classification

DIN EN ISO 4823:2000, Type 0, Putty consistency

Storage

Store at normal room temperature (15-25 °C / 59-77 °F). Do not use after date of expiry.

Available product sizes

SAM-P (Putty Soft)

REF SAM45

2 Jars @ 262 ml

CAUTION:

Keep away from children! For dental use only!

Made in Germany. Manufactured for Esthetic Orthodontic Company of America LLC.

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