

Patterson® SC Soft Relining in safety cartridge

Instructions for use

Carefully read instructions prior to use

Product description:

Patterson® SC Soft Relining is an A-silicone based permanently soft relining material. Its autopolymerizing, cold-curing properties assure that **Patterson® SC Soft Relining** is simple and quick to use for direct as well as indirect relining. The set contains an adhesive liquid to achieve a firm bond between denture and relining material, the actual relining material, as well as glazing base and catalyst for smoothing surfaces after grinding. **Patterson® SC Soft Relining** is suitable for all PMMA-based dentures. A newly made **Patterson® SC Soft Relining** can be repaired and corrected.

Indications:

Permanently soft relining for total and partial dentures

- to eliminate pressure spots
- to dam the palatal vibrating line
- in cases of flabby ridges and/or insufficient adhesion
- to cushion sharp-edged alveolar processes
- to support the healing process in implantology

Contraindications:

Patterson® SC Soft Relining contains modified polydimethylsiloxanes and platinum catalyst.

The adhesive contains butanone and methacrylates. **Patterson® SC Soft Relining** should not be used in case of known hypersensitivities (allergies) to any of these ingredients.

Method of application:

1. Preparation and coating of the denture:

Clean denture thoroughly with a brush and dry. Always remove any existing previous relinings. Grind down all areas to be relined by at least 1 mm to allow a later relining of at least 2 mm thickness. Important: chamfer preparation (shoulder preparation) of the rims of all areas to be relined. Prepare vestibular, lingual and dorsal rims in particular in the form of a chamfer. Round off the rims of the denture. Remove grinding dust with a dry brush or dry, oil-free air. Do not use water or a steam jet. Then degrease the denture surface by wetting a dust-free cloth with pure alcohol (min. 90 %) and wiping the surface clean. Then let aerate for 1 min. Humidity, additives (i. e. as in cavity cleaning agents), saliva, monomer containing synthetic liquids or touching will diminish the adhesion of **Patterson® SC Soft Relining** to the denture.

Exchange the bottle cap of the adhesive for the brush cap prior to first use.

Do not use the brush cap for the alcohol!

Apply the adhesive to the prepared surfaces which are to retain **Patterson® SC Soft Relining**. The surface has to be covered completely and evenly with the adhesive.

Attention: Close bottle immediately after use and store in an upright position.

Let aerate for 1 min.

Insert the **Patterson® SC Soft Relining** cartridge into any dispensing gun with a suitable plunger. Slight differences in the filling levels of the chambers may occur for technical reasons. If this happens, remove the transport cap from the cartridge and extract material until both chambers deliver uniformly. When changing tips / caps, always ensure that the discharge openings of the **Patterson® SC Soft Relining** cartridge are clear. Then fix and lock the mixing tip with a 90° turn. The material is extruded and automatically mixed in the correct ratio by pressing the dispensing gun lever. After use, leave the mixing tip on the cartridge or use the transport cap.

Apply the mixed material first to the lingual / dorsal rim, then vestibular. Then coat the base. Make sure to cover all areas carrying adhesive with silicone. On areas to be relined, **Patterson® SC Soft Relining** should be at least 2 mm thick. **Patterson® SC Soft Relining** has a working time of 1 min 45 s from commencement of mixing.

2a. Direct relining in the mouth:

1 min after coating with **Patterson® SC Soft Relining**, the denture can be inserted into the patient's mouth.

Have the patient gently close the mouth in normal occlusion (1 min).

Then the patient should carry out masticatory and swallowing movements (5 min).

After 6 min in total, the denture can be removed from the mouth.

Important: Strictly observe the above-stated time intervals.

Finishing should be carried out 10 min after removal of the relined denture from the mouth.

Any earlier finishing should be carried out with extreme care.

2b. Indirect relining in the laboratory:

When relining is carried out in the laboratory, coat the denture and then isolate the dampened plaster model with a formaldehyde-free alginate based separating agent for synthetic materials (not recommended: silicone-based separating agent) according to its instructions for use. Place the denture coated with **Patterson® SC Soft Relining** on the model and fix both in the relining device or casting flask. Shape functional rims with a metal spatula or a clean plaster knife. After shaping, let **Patterson® SC Soft Relining** set for 2 - 5 min, then place the relining device (or casting flask) loaded with the denture and the model in the pressure unit for 15 min at 104 °F - 113 °F (40 °C - 45 °C). Afterwards leave the relining device to cool for 20 min. Attention: The denture, plaster model or relining device may not be worked on with a steam jet in any phase.

3. Finishing the relining:

Any excess material can be removed with fine sharp (cuticle) scissors or a scalpel. Finishing of the transition area: If necessary, carry out grinding after 30 min, using polishing disks or abrasive strips. Any earlier grinding process needs to be carried out with great caution. The **Patterson® SC Soft Relining** set contains 1 polishing disk. Abrasive strips are available in varying grain sizes. The most suitable sizes are 80 (coarse) and 120 (medium). Use medium to low rotational speed (5,000 - 8,000 RPM) and apply only very light pressure when finishing the transition area. This prevents heat generation in the relining as well as excessive abrasion of the denture material. Then clean with alcohol, allow any warmed silicone material to cool down and apply glazing.

4. Corrections

Immediate correction of the relining is possible. Rinse the relining with water and dry, then apply fresh material, shape it and let it set in the mouth for 7 min or in the pressure unit for 5 min. Any later correction (within two weeks) of the relining can be carried out after removal of the top layer of **Patterson® SC Soft Relining**.

5. Sealing:

Use glazing to seal and smoothen the surfaces treated in step 3. For better dosing, hold the bottle vertically with the dropper down and let air bubbles rise to the top. Mix an equal number of drops of glazing base and catalyst with a brush on a mixing slab until homogeneous. Apply the mixture thinly on the corresponding margins with a brush, i. e. on the fresh, dry cut and ground areas. The working time of **Patterson® SC Soft Relining** glazing is 1 min: 30 s. The setting time at room temperature is 10 min. Cooler conditions prolong the setting time. The setting time can be shortened to 3 min by using a pressure unit 104 °F - 113 °F (40 °C - 45 °C).

Warnings, precautionary measures:

- To prepare the denture and improve the adhesion, additional roughening of the denture material carried out using sandblasting. Afterwards, wipe with pure alcohol.
- Process **Patterson® SC Soft Relining** at room temperature.
- Storage of **Patterson® SC Soft Relining** in a refrigerator prolongs the working and setting times.
- Always observe the setting times until final setting to achieve an optimal adhesive bond.
- Seal only the rough, finished areas (functional rim) with glazing to prevent accumulation of food residue or discoloration.
- Prevent any contamination with methacrylates (e. g. pressure units contaminated after denture fabrication and methacrylate-containing solvents for the removal of relining materials). Contamination may lead to incomplete curing of **Patterson® SC Soft Relining**/glazing and an irritating taste in the mouth.
- Close glazing bottles immediately after use:

Glazing base	=	white cap
Glazing catalyst	=	red cap
- For finishing, use the enclosed polishing disc, coarse, brown or other suitable burs or polishing discs designed for flexible materials. Do not inhale silicone or synthetic dust when finishing the denture or the relining. Wearing a protective mask is recommended.
- Cleaning of the relined denture should be carried out with a special soft denture brush or toothbrush and an abrasion-free cleanser (e.g. neutral soap). Rinse thoroughly afterwards.
- The warranted product characteristics can only be achieved when using the supplied original mixing tips, which are also available as accessories.

Storage:

Store at temperatures between 39 °F - 73 °F (4 °C - 23 °C).

Do not use after expiry date.

This material has been developed solely for use in dentistry. Processing should be done strictly according to the instructions for use. Patterson® recognizes its responsibility to replace products if proven to be defective. Patterson® does not accept liability for any damage or loss, directly or indirectly, stemming from the use of or inability to use the products described. Before using, it is the responsibility of the user to determine the suitability of the product for its intended use. The user assumes all risk and liability in connection therewith. Descriptions and data constitute no warranty of attributes and are not binding.

CAUTION: U.S. Federal Laws restrict this device to sale by or on the order of a dentist.

No person is authorized to provide any information which deviates from the information provided in the instructions for use.

For questions or comments, please call 1-800-873-7683.

Keep this material out of reach of children.

For dental use only.

Manufactured for:
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