

JUELL™ Cure · HARD

Hard Reline Material

Carefully read instructions prior to use

JUELL CURE – Hard Hard Relining is a cold-curing hard relining material for permanently relining dentures. It is simple and quick to use for direct as well as indirect relinings. An adhesive for obtaining a durable bond is included in the set.

Indications:

- hard permanent total or partial relinings for restoring partial and complete dentures
- lengthening denture margins

Contents:

- 50 ml Cartridge (1:1)
- 10 ml Adhesive
- 10 Mixing Tips

Contraindications:

- **JUELL CURE – Hard** contains benzoyl peroxide (catalyst), BIS-GMA, HEDMA, UDMA and acetone(adhesive).
Do not use in cases of hypersensitivity (e. g. allergies) to any of these ingredients.
- If the patient is uncertain about allergies, a patch test should be performed by extruding a small amount of **JUELL CURE – Hard** allowing it to set, applying it to the patient's arm and covering it piece of gauze or with a bandaid for 24 hours. DO NOT apply uncured **JUELL CURE – Hard** to the skin.

Methods of use:

1. Preparation of the denture

Check occlusion and carry out corrections if necessary. Thoroughly clean denture with a brush and dry. Roughen all areas to be relined incl. buccal and labial margins with a suitable bur. Then clean and dry. Insulate all areas not to be relined with e. g. vaseline (e. g. artificial teeth, labial and buccal area beyond the roughened surfaces) to avoid unwanted contact with **JUELL CURE – Hard**.

IMPORTANT: Partial dentures with clasps, anchors and attachments must be blocked out with thin flowing silicone or wax with low melting point. Otherwise, the denture cannot be removed once the material has completely polymerized.

2. Application of adhesive

Exchange the transportation cap for brush cap. Apply the adhesive to all surfaces to be relined and let air dry (approx. 30 sec.).
CAUTION: Immediately close the bottle tightly after use and store in an upright position.
IMPORTANT: For a safe bond use only JUELL CURE – Hard Adhesive.

3. Preparation of cartridge

Put the **JUELL CURE – Hard** cartridge into a dispenser type 2 or any dispenser with a suitable plunger (1:1). Slight differences in the filling level of the chambers may occur. Remove the transport cap from the cartridge and extrude material until both chambers deliver uniformly if this happens. 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 dispenser lever. After use leave the mixing tip on the cartridge or use the transport cap.

4. Application of JUELL CURE – Hard

Apply **JUELL CURE – Hard** evenly onto the prepared margin and/or base of the denture, avoiding excess.
CAUTION: Do not apply an excessive amount of JUELL CURE – Hard to the surface. Otherwise the patient may swallow JUELL CURE – Hard upon application to the denture. Remove excess material with a suitable instrument.
Reinsert denture and have the patient exert slight pressure in occlusal position for 1 minute, then carry out functional, chewing and swallowing movements for 2 minutes.

WARNING: Make sure that no material flows into the throat when relining, especially at the transition from hard to soft palate (A-line). Tell the patient to alert the dentist if, at any time, they feel relining material moving towards their throat.

4.1 Partial and total denture with undercuts

IMPORTANT: Strictly observe the specified timing
Remove denture after 3.5 minutes after the begin of application and remove excess immediately with scissors or a scalpel. Reinsert into the mouth for a final occlusion and check/let cure for 2 minutes. Instead of reinserting the denture, curing can also be completed in warm water, i.e. in a pressure polymerization unit at approx. 104°F (40°C).
CAUTION: Do not cure material by contact with air since oxygen causes an uncured inhibition layer on the surface.

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CAUTION: Do not cure material by contact with air since oxygen causes an uncured inhibition layer on the surface.

4.2 Total dentures without undercuts

IMPORTANT: Strictly observe the specified timing

Excess material can be removed intra- or extra orally before final polymerization.

Intraorally: remove excess material after 3 minutes (beginning of application) with a suitable instrument. Let the denture cure for a further 2 - 3 minutes in the mouth until **JUELL CURE – Hard** is completely cured. Extraorally: see section 4.1

5. Finishing

The whole relined surface (also basal) must be treated by finishing (tungsten carbide bur, silicone polisher) and polishing (polishing paste, polishing disc).

extraorally	beginning of application	0.5 min	apply
intraorally	insert denture into the mouth	1 min	exert pressure
		2 min	functional movements
intra- or extraorally	remove denture if necessary	1.5 min	remove excess
intra- oder extraorally	insert denture into the mouth	2 min	curing
extraorally	remove denture	2.5 min	finishing, polishing
		9.5 min	

Storage:

Keep containers tightly closed and store between 39°F (≈ 4°C) – 73°F (≈ 23°C).

Do not use after the expiration date. Shelf life of the components: are imprinted on packaging.

Store tightly closed adhesive bottle in an upright position.

Precautions:

- Avoid contact of adhesive to skin. If contact occurs, thoroughly wash skin with soap and water.
- In case of contact with the eyes, thoroughly rinse with water and consult an ophthalmologist.
- The stated time periods refer to a room temperature of 75°F (≈ 25°C) and a temperature in the mouth of 95°F (≈ 35°C). Polymerization will be slower at lower temperatures, higher temperatures will accelerate polymerization.

Cleaning:

Dentures relined with **JUELL CURE – Hard** can be cleaned with traditional cleansers and procedures. This refers to domestic as well as to professional cleaning.

This material has been developed solely for use in dentistry. Processing should be done strictly according to the instructions for use. Park Dental Research recognizes its responsibility to replace products if proven to be defective. Park Dental Research 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.

**Keep this material out of reach of children.
For dental use only.**

For questions or comments, please call 1-800-243-7372



Manufactured by:

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