

HO: 214, Bluebell Indl. Estate, Chinchpada, Vasai (East), Dist. Palghar, 401 208, Maharashtra, India

Calcium Hydroxide Powder (Instructions For Use)

Intended Use:

To be used as a Pulp capping material during restorative treatment of teeth requiring direct/indirect pulp capping, apexogenesis/apexification following pulpotomy, & as a cavity liner.

Composition:

Powder: Calcium Hydroxide

Product Description & properties:

Calcium hydroxide is a multi-purpose dental material, when mixed with DM water/Saline water, it achieves paste consistency. The Calcium Hydroxide provides the induction effect for hard tissue induction and deposition.

Indications:

- As a pulp capping material for direct and indirect pulp capping during restorative treatment of teeth with deep dentinal caries.
- As a cavity lining material during restorative treatment of carious teeth.
- As a temporary root canal dressing material for apexogenesis / apexification following pulpotomy procedures.

Advantages:

- Easy handling and easy direct application at the intended site.
- Ideal for pulp capping / pulpotomy, as the consistency of the Calcium Hydroxide paste can be prepared as desired.

Method of Use:

- Isolate the teeth using a rubber dam, prepare the tooth cavity during pulp capping and /or extirpate the pulp to the desired extent during pulpotomy procedures.
- After the preparation of tooth cavity, clean and dry the cavity.
- Dispense Calcium Hydroxide powder onto a clean glass slab and mix the powder with DM water / saline using a mixing spatula. The powder liquid ratio ranges from 1:1 to 1:3 W/V depending on the indication of use to prepare a moderately stiff paste.
- Introduce the paste into the prepared tooth cavity / pulp chamber / root canal.
- Fill / close the tooth cavity with a temporary filling material and recall the patient for observation at 2 week intervals until the desired result is attained. Change the primary dressing with a new mix of paste at every follow up visit or within a maximum of 3 weeks, without damaging the tooth structure or vital pulp tissue.
- Using sound clinical judgment, continue to recall the patient and monitor the progress of the pulp capping / apexification, changing the dressing as required.
- The tooth cavity can be filled with final restorative materials once the desired secondary dentine is deposited in deep cavities, after the pulp capping procedure.
- In young teeth needing apexification, the dressing may need to be changed more frequently until the apical bridge is formed. Once the Apexification is complete endodontic therapy can be initiated.

Caution / Warning:

Cautions:

- Do not overfill beyond the tooth apex.
- Avoid direct exposure to sunlight.
- It is recommended to wear protective eye wear to avoid any accidental contact with eyes.

Precautions:

- Avoid contact with skin, mucosa and eyes
- Avoid inhalation
- Do not consume or take internally
- Contact with the skin may cause irritation or hypersensitivity
- If contact with skin occurs immediately wipe off thoroughly with cotton and then wash well with soap and water.
- If contact with eyes occurs immediately flush with running water and get medical attention immediately or contact an ophthalmologist immediately.
- Consult a physician in case of any hypersensitivity reaction.

Contraindications:

It should not be used with patients with a history of allergic reaction to any of the components. Should not be used beyond the confinements of the root canal and teeth.

Interactions With Other Dental Materials:

No such Reactions noted. Kindly communicate and inform the manufacturer with details of any instance.

Adverse Reactions:

No such Reactions Noted. Kindly communicate and inform the manufacturer with details of any instance.

Packaging:

Multi dose plastic container.

Storage:

Store in a cool and dry environment. Always close the lid of the container immediately after use to prevent contamination. Store between 50°F - 86°F (10°C - 30°C).

Shelf Life:

2 years from the date of manufacturing.

Disposal Conditions:

Dispose in accordance with local, state and federal environmental regulations.

This product is specially formulated for use in dentistry and to be used by qualified dental personnel only.

Manufactured by:
Shiva Products

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These instructions for use should be kept for the duration of product use.

 Symbol for "BATCH CODE"  Symbol for "DATE OF MANUFACTURE"  Symbol for "USE BY"  Symbol for "NON STERILE"

 Symbol for "KEEP DRY"  Symbol for "CONSULT INSTRUCTION FOR USE"  Symbol for "CATALOGUE NUMBER"

 Symbol for "EUROPEAN COMMUNITY AUTHORIZED REPRESENTATIVE"  Symbol for "DO NOT USE IF PACKAGE IS DAMAGE"

 Symbol for "KEEP OUT OF THE REACH OF CHILDREN"  Symbol for "MANUFACTURER NAME & ADDRESS"  Symbol for "CAUTION"

 Symbol for "TEMPERATURE LIMITATION"  Symbol for "KEEP AWAY FROM SUNLIGHT"

The material has been developed solely for professional dental use. Application should be carried out strictly according to the instruction for use. Liability cannot be accepted for damages resulting from failure to observe the instructions of the stipulated area of applications. The user is responsible for testing the material for its suitability and use for any purpose not explicitly stated in this instruction sheet. Description and data constitute no warranty of attributes and are not binding.