

CAL-PLUS

Calcium Hydroxide paste



www.dtechasia.com

CE 0123

1. Product Description & Main Ingredients

Cal-Plus is a premixed water-based calcium hydroxide paste with high radiopacity. Cal plus is self-setting material, it is useful in pulp capping and as a protective base/liner under dental filling material.

Main Ingredients

Hydrated Lime & Water

2. Indications

- 2.1 Pulp Capping: Cal plus protects the pulp in case of acid containing fillings & linings. It dries quickly by air and can also be used for temporary filling of root canals
- 2.2 As a Cavity Base
- 2.3 As a neutralizing agent or protecting dentine against chemical or thermal reaction.

3. Contraindications

- 3.1 No known contra indication exists for this product No known systemic allergy is recorded. However, the practitioner is advised to observe the patient carefully for any signs of allergy.

4. Precautions (Please read carefully before use)

- 4.1 Avoid contact of paste with skin. If accidental contact occurs. Wash immediately with soap and water. In case of contact with eyes rinse with copious amounts of water and consult a physician immediately.
- 4.2 Do not expose to air for long time the TIP MAY DRY. If dries, clean it with a sharp needle.
- 4.3 In rare cases the product may cause sensitivity in some people. If any such reactions are experienced, discontinue the use of the product and refer to a physician.
- 4.4 After each use of syringe use disinfecting solution and small cotton pad to thoroughly clean needle applicator.

5. Application Method

- 5.1 As a cavity base:
 - 5.1.1 Clean and dry the cavity. Emerge the paste from the syringe. Then gently tap the needle into the cavity dotting the base with pinpoints of the emerging paste and use the needle end as an applicator to spread it over the cavity base.
 - 5.1.2 Only a very minute quantity of CAL-PLUS is necessary to cover the cavity base direct a vigorous stream of warmed air on the paste so applied. This will spread it in a uniformly thin layer over the base surface which will then dry in a matter of seconds.

- 5.1.3 Any excess of paste will be blown onto side walls of the cavity without harm. For rapid drying in the cavity, CAL-PLUS must be deposited in a uniformly thin layer.

- 5.2 As a base for deep cavities:

- 5.2.1 Where removal of considerable decay and softene dentine has resulted in a cavity of considerable depth, CAL-PLUS provides thermal insulation under the filling material.

- 5.2.2 When such a protective cushion is needed several thin layers of CAL-PLUS should be applied taking care each layer has first dried before applying the next one.

- 5.2.3 Use the technique described above to spread each individual layer evenly. Each such thin layer will dry in a matter of seconds. Build up this CALCIUM HYDROXIDE cushion to desired thickness to provide an effective thermal insulation of the pulp as well as its chemical protection.

6. Packaging & Variants

- 1 Syringe of 3gm Cal Plus Paste
- 2 Applicator tips

7. Storage & Handling:

Store at temperature of 5-30°C (41-86.0°F).
(Shelf life: 2 years from date of manufacture).

REFERENCE NO: IFU/CH/04/0725



D Tech Dental Technologies

Plot No. 118/119, Sub Plot No. 32, Lane No. 7,
Ramtekdi Industrial Estate, Hadapsar, Pune -
411028, INDIA.
Customer Care : 9370145806
E mail : info@dtechasia.com
Url : www.dtechasia.com

European Representative OBELIS

Bd General Wahis, 53, 1030 Brussels, Belgium
E mail : mail@obelis.net

Last Revised: 03 July 2025 Rev 04



Storage



Keep Dry



Keep away
from Sunlight



Authorised
Representative



Manufacturer



Batch No



Expiry



Non Sterile



Medical Device



Unique Device Identifier



Instruction for Use

Limitation of Liability

Except where prohibited by law, D Tech will not be liable for any loss or damage arising from this product, whether direct, indirect, special, incidental or consequential, regardless of the theory asserted, including warranty, contract, negligence or strict liability

For use only by a dental professional