



Light Curing Pulp paste with β -TCP and hydroxyapatite

DSI ApexPaste Bio

INSTRUCTIONS FOR USE

DESCRIPTION

DSI ApexPaste Bio is a Light Cure resin modified Calcium Hydroxide/Tricalcium Phosphate pulp protectant/liner fortified with Hydroxyapatite. It is designed to perform as a barrier and to protect dental pulpal complex. Its unique Active Release Technology is useful in pulp capping and as protective base/liner under dental filling materials, cements and other restorative materials. It is supplied in paste form which can be syringed using delivery tips.

COMPOSITION

Urethane Dimethacrylate, Triethylene Glycol Dimethacrylate, Calcium Hydroxide, Tricalcium Phosphate, Hydroxyapatite, Photoinitiators, Stabilizers and Barium Zirconate.

INTENDED USE

Direct Pulp Capping: ApexPaste Bio can be placed directly on dental pulp after achieving complete haemostasis.

Indirect pulp capping: ApexPaste Bio can be used as a pulp protective agent in deep cavities.

Liner: ApexPaste Bio can be used as an effective cavity liner under various restorations.

ApaCalART can protect the pulp from physical, chemical and thermal insults.

INSTRUCTIONS FOR USE

Direct Pulp Capping:

1. Ensure proper isolation under rubber dam.
2. Carious excavation must be thoroughly completed.
3. Complete haemostasis must be ensured using saline dampened cotton pellet.
4. Remove excess moisture using a dry cotton pellet.
5. Apply ApexPaste Bio without any void incorporation.
6. Avoid increments over 1mm.
7. Cure for 40 sec minimum using a visible light curing device.
8. Restore using an appropriate restorative material.

Indirect Pulp Capping, Liner:

1. Isolate the tooth using a rubber dam.
2. Ensure complete caries excavation.
3. Apply ApexPaste Bio uniformly over the base of the cavity.
4. Do not place ApexPaste Bio in increments exceeding 1 mm.
5. Cure using a visible light curing device.
6. Restore using an appropriate restorative material.

Warnings: ApexPaste Bio contains polymerizable methacrylate monomers. Avoid prolonged contact with skin and oral mucosa. Allergic reactions, skin rash and mucosal irritation may result in susceptible individuals. Avoid usage on adults with known methacrylate allergies.

PRECAUTIONS

1. Avoid placing ApexPaste Bio in wet environment. In case of pulp exposure, ensure hemostasis before placement.
2. Use of rubber dam is necessary for reliable results.
3. Avoid exposure to oral environment.
4. Avoid increments in excess of 1 mm.
5. Check expiry date before clinical use.
6. The dispensed material shall not be placed back in container and the dose once applied.

CONTRAINDICATIONS

Do not use in patients if allergic to any of its components.

STORAGE

Store at a temperature between 10 °C to 24 °C. Close the cap carefully after use. Keep away from moisture. Shelf life is not affected after opening if stored in a cool dry place.

Shelf life: 3 Years from the date of manufacturing.

PACKAGING: 2 x Syringe, 2g / 10 Applicator Tips

Ref: APEX-BIO

SYMBOLS



Consult instructions for use



Caution, consult accompanying documents



Temperature limit



Keep away from sunlight



Keep dry



Manufacturer



Catalogue number



Batch code



Use by



Date of Manufacture

Failure to comply with the conditions of storage leads to a change of the working characteristics of the material and decrease the shelf life of the material.

The manufacturer is not responsible for any loss of quality caused by the failure to comply with terms of transportation, storage and use established by the manufacturer for this product. Responsibility for the use of the material for purposes other than those specified by the manufacturer falls on the user.