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VPS Root Canal Sealer with nano-silver particles

DSI ApexSil Silver



INSTRUCTIONS FOR USE

DESCRIPTION

DSI ApexSil Silver is a cold flowable polydimethyl siloxane based root canal sealer with nano silver in chemical form. It exhibits an excellent sealing ability and superior radio-opacity. Addition of silver in chemical form acts as a preservative.

COMPOSITION

Polydimethyl siloxane, Micro Silver powder, Silicone Oil, Platinum Catalyst, Zirconium Dioxide, Paraffin Liquid.

APPLICATION

As a root canal sealer for obturation of root canals of permanent tooth.

INDICATIONS FOR USE

1. ApexSil Silver is composed of two components which have to be mixed in a 1:1 ratio to obtain a homogenous paste.
2. It is radiopaque and eugenol free.
3. It has an excellent flow and superior bio-compatibility.
4. ApexSil Silver expands by 0.2% to give a tight seal.
5. It has a working time less than 10 min and setting time of 10-15 min.

DIRECTION FOR USE

After shaping and cleaning, root canal should be filled with ApexSil Silver in combination with gutta-percha.

1. After standard root canal preparation, the root canal should be thoroughly irrigated with sterile water to remove traces of irrigating agents which would interfere with the curing of DSI ApexSil Silver.

2. The root canal should be thoroughly dried using alcohol/ paper points.
3. The sealer must be dispensed from the dual barrel syringe in a 1:1 ratio. The sealer must be mixed thoroughly to be make a void free homogenous mix.
4. The root canal can be coated with ApexSil Silver using a gutta-percha point or a paste carrier.
5. ApexSil Silver has a working time less than 10 min and a setting time of 10-15 min.
6. Use of heated instruments can accelerate the setting of ApexSil Silver.
7. After use, the dual barrel syringe must be thoroughly cleaned using a tissue paper and properly sealed to avoid contamination. Removal of sealant during retreatment ApexSil Silver can be removed by conventional methods. The sealer does not chemically adhere to dentine. Use of heat, gates glidden drills and paeso-reamers are advocated for removal of gutta-percha during post space preparation and retreatment.

Warning: Avoid prolonged or repeated contact with skin (allergic contact dermatitis), and eyes. Avoid prolonged inhalation. Do not take internally. Contact with the skin may cause irritation, burns of hypersensitivity. If contact with skin occurs immediately wipe off thoroughly with cotton and alcohol and then wash well with soap and water. If skin rash and sensitization or other allergic reaction occurs discontinue use and seek medical attention. If the product comes into contact with the eyes, rinse thoroughly with fresh water and consult a physician. It should not be used with patients who have a history of severe allergic reaction to any of the components.

PRECAUTIONS

Avoid using ApexSil Silver for obturation of root canals of deciduous tooth.

PRECAUTIONS

Do not use if allergic to any of its components. The dispensed material shall not be placed back in container and the dose once applied and used shall not be reused.

STORAGE

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

Shelf life : 3 years from the date of manufacturing.

PACKAGING

1 x Manual-mix Syringe 10g (Base & Catalyst), 1 x Mixing Spatula, 1 x Mixing Pad.

Ref: ASIL-S

SYMBOLS



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.