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Root canal radiopaque 2-component sealing epoxide based material

DSI ApexSil



INSTRUCTIONS FOR USE

PURPOSE

Dental filling 2-component radiopaque material based on epoxy resin **DSI ApexSil** is used for filling tooth root canals by treating of pulpitis or apical parodontitis with use of gutta-percha points (one-point method and all types of condensation).

FEATURES

DSI ApexSil is 2-component (powder-liquid) radiopaque material on calcium hydroxide and epoxy resin base.

After setting, the obtained aminopolymer features bioinertness to tooth tissues and does not affect them toxically. Material features good adhesion to dentine of canal walls, bactericidal effect, high strength characteristics, low shrinkage and solubility. The material hermetizes the canal effectively.

Working time (at the room temperature) – 2-4 hours.

Hardening time (inside canal) – 8-24 hours.

DSI ApexSil can be used with silver and titanium points.

DIRECTION FOR USE

It is necessary the stored or transported at low temperatures material to stand at room temperature for at least 1 hour before applying.

The standard powder to liquid ratio is 2:1.

Mixing should be fulfilled on a clean glass plate by means of spatula at room temperature +20°C...+23°C.

To improve flowability of the material, the glass plate should be heated up to +40°C...+45°C.

The standard powder to liquid ratio is 0.16-0.18g (1 spoon) to 0.08g (2 drops).

For filling pinned canals, disinfected and dried point should be carefully introduced into canal accompanied by compressing material or point would be "moisten" with material and introduce into canal. Additionally gutta-percha points can be used (lateral condensation technique).

Note: After filling the instruments should be as soon as possible cleared by spirit, acetone or chloroform.

CONTRAINDICATIONS

DSI ApexSil contains epoxy resin and amines, which can cause allergic reaction. Do not use material in patients with allergy to the components of the material. Try to avoid getting material on the soft tissues of the mouth, eyes and skin. In case of accidental contact with the mucous membrane and the skin, wash affected area with plenty of water.

STORAGE

Store in a cool and dark place in tightly closed containers (+5°C...+25°C). Transport using all types of vehicles at temperatures from -30°C...+30°C.

PACKAGING

Powder (jar), 20 g

Liquid (flask-dropper), 10 ml

Spoon, 1 pcs.

Ref: ASIL-PL

SYMBOLS



Consult instructions for use



Manufacturer



Caution, consult accompanying documents



Catalogue number



Temperature limit



Batch code



Keep away from sunlight



Use by



Keep dry



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.