

CALCIPULPINE PLUS

two-component isolation liner based on calcium hydroxide

Composition

Pasta-A:

Calcium hydroxide
Barium sulfate
Zinc oxide
Butanediol

Pasta-B:

Calcium tungstate
Calcium phosphate
Salicylic polymer

Indication and properties

"Calcipulpine Plus" is used as a protective self-curing lining on the basis of calcium hydroxide in cases of direct and indirect pulp capping and isolation of the tooth cavity from filling materials.

"Calcipulpine Plus" promotes prevention pulp from harmful influences, primarily from the toxins of microorganisms. The material comprises calcium hydroxide, which has a highly alkaline environment. Being on the bottom of the cavity, it neutralizes acids coming from cementitious materials thereby preventing their penetration into the pulp. In direct contact with the healthy pulp paste facilitates the formation of secondary dentine.

"Calcipulpine Plus" is a two-component system (paste + pasta), which is formed by mixing a homogeneous paste, which is easily applied to the cavity. The material does not interfere with the polymerization of composites at the contact with them, since it is based on the compatible with composites polymer. Material obtained by mixing the two pastes hardens in the cavity as a result of exposure to heat and moisture for 2-3 min obtaining a thin radiopaque layer under all types of permanent fillings.

Recommended use

Open a cavity as much as possible by one of the traditional methods, clean the walls from the necrotic tissue. When exposed or bleeding pulp make treatment of its surface very carefully (washing the pulp by heated anesthetic or saline). Bleeding stops. Do not allow the irritation of pulp tissue.

Squeeze the equal amounts of pastes A and B on the mixing pad. Mix them rapidly for 25-40 seconds to obtain a homogeneous mass. Apply the paste with a plugger to the cavity to cover the pulp. The curing time of the material in the cavity of approximately 2-3 min., it depends on the temperature and humidity of the environment in which the material is used. The curing time of the material in the oral cavity is increased due to the higher humidity and temperature.

Do not inject an excessive amount of paste into the cavity. Avoid contact with the edges of the cavity. After the procedure, clean the cavity of the excess material. "Calcipulpine Plus" is covered by glass-ionomer cement (GIC), then the restoration of the tooth is performed.

Package contents and storage

The material is packed in tubes by 10 g of paste-A and 13 g of paste-B. Each tube has a tip of appropriate color. Do not change the tips of the tubes. Mixing pad is enclosed.

Keep the material in cool dry place away from sunlight.

Recommended temperature is +4°C to +24°C.

Shelf life is 3 years.