



CE 0482

## SPEIKO® Carboxylate cement (previously Zhanelka)

### Composition:

Powder contains zinc oxide, silicon dioxide, aluminium oxide, calcium oxide, sodium oxide, magnesium oxide.

Liquid contains polyacrylic acid.

### Fields of application:

- For lining under metal and synthetic fillings
- As fixation cement for crowns and bridges, inlays, root pivots as well as orthodontic bands
- For temporary fillings

### Contra-indications:

- Do not apply to near-pulp dentin and/or opened pulp chamber due to possible damage to pulp
- Increased erosion is to be expected with increasing storage time
- In case of hypersensitivity to ingredients

### Side effects/interactions:

Irritation of the pulp may occur after cementing and the use as lining and temporary filling.

None known if used according to intended purpose.

### Dosage, type and duration of treatment:

SPEIKO® Carboxylate cement powder is mixed with SPEIKO® Carboxylate cement Liquid with the aid of a metal or plastic spatula. Two drops of liquid bind two level spoon of the powder; the ideal mixing ratio of powder to liquid is 2.2 g : 1 g. The mixing process should be completed after approx. 1 minute. Initially, a small amount of powder is stirred into the liquid to eliminate the surface tension of the liquid. Further powder can then be added.

Prepare, clean and dry the surface of the cavity for the filling, so that the cement can be added immediately after mixing. It is imperative that the access of moisture is prevented.

The curing time is approx. 2.5–8 minutes, calculated from the start of the mixing process. Proper curing can be tested based on the residue on the glass plate.

### Notes:

SPEIKO® Carboxylate cement liquid contains polyacrylic acid, which may cause chemical burns.

In case of accidental contact with skin, mucous membranes or eyes, rinse with water immediately.

The filling can be subjected to pressure after 2 hours.

SPEIKO® Carboxylate cement powder and liquid may not be used after the expiration date.

Storage at room temperature.

### Trading formats:

SPEIKO® Carboxylate cement

Content: 100 g

Art. no. 1104

SPEIKO® Carboxylate cement

Content: 20 ml

Art. no. 1105

Accessories: Dosage spoon for powder

Status of information: January 2017