





**SPEIKOLIT® (previously Zhanelkalit)**  
silicophosphate cement

**Composition:**

Powder: silicon dioxide, zinc oxide, aluminium oxide, calcium oxide, sodium oxide,

SPEIKO® Litho universal liquid for quick-setting:  
aluminium and zinc in phosphoric acid.

**Applications:**

SPEIKOLIT® is a silicophosphate cement for temporary fillings in molars, offering adequate protection of the dental pulp, e.g. In the replacement of amalgam fillings or as temporary fillings for deciduous teeth.

This product can also be used to build up severely damaged teeth for subsequent crowning. The special transparency of SPEIKOLIT® makes it suitable for temporary fillings in the frontal area. SPEIKOLIT® is unproblematic in contact with precious metals, its outstanding strength makes for durability and service stability. It is also characterised by volume stability, and its good adhesive and bonding strength provide for good marginal seals.

**Contraindications:**

As there is a risk of damage to the dental pulp, the product must not be applied to dentine in close proximity to the pulp or to the exposed pulp. Wear must be expected to increase in the course of time, so that permanent fillings should be provided within 12 months.

**Side effects / interactions**

Usage for the intended purpose is not known to have induced any undesirable effects. The same applies to interactions with other agents.

**Dosage instructions, form and duration of application**

Mix powder in a volumetric ratio of 2.2:1 with SPEIKO® Litho universal liquid quick-setting, adding the powder to the liquid and not vice versa. The mixing operation should be continued for ca 1 minute until a smooth, pasty consistency is obtained. Like other dental cements, SPEIKOLIT® is mixed on a glass plate, this should be cooled before preparing larger quantities to prolong the handling time. All surfaces of the tooth and of the cavity must be prepared, cleaned and dried in advance, so that the freshly mixed cement can be applied. The setting time after application is ca 2 - 6 min. The setting properties can be controlled if required by examining the residues on the glass plate.

**Special instructions:**

The liquid contains phosphoric acid and has a corrosive effect. In the event of inadvertent contact with the skin, mucosa or eyes, rinse immediately with plenty of water. Lack of appropriate pulp protection may result in pulp necrosis. The patient should not eat for the first 2 hours after receiving the filling. This medical product should not be used after the marked date.

Keep out of reach of children.

**Available in the following packs:**

SPEIKOLIT® Powder, shade 2, light yellow    Contents: 30 g    Art.-no. 1442

SPEIKO® Litho universal liquid quick -setting    Contents: 20 ml    Art.-no. 1441

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