

# Instructions For Use

## Cavex Temporary Cement

CE 0197

### Product description

Cavex Temporary Cement is particularly intended for the cementation of temporary crowns and bridges. Such a temporary prosthesis is a necessity for the patient in the period between the preparation of the tooth (or teeth) stump, followed by the impression taking, and the placement and cementation of the final prosthesis. During this period of one week or more, with a maximum of 4 weeks, the prepared tooth stump has to be protected against any damage. But also the occlusal relationship of the tooth stump versus neighboring and antagonist teeth has to be kept unchanged in order to prevent articulation problems upon placing the final prosthesis.

### Composition

#### White BASE paste

metallic oxides	: app. 80 %
vegetable oil	: app. 20 %

#### Yellow CATALYST paste

fatty acid dimer	: app. 69 %
natural and modified resins	: app. 21 %
natural waxes	: app. 3 %
organic acid	: app. 6 %
pigment	: < 1 %

### Intended User(s)

Cavex Temporary Cement will only be used by dental professionals (dentist)

### Intended Patient(s)

Temporary dental cement is used to keep temporary prosthesis / restoration in situ during the intervening week(s). It can be used for any patient suffering from missing or defective dental elements. The medical condition should be considered during the anamneses made by the dentist.

Although there are no safety issues expected with the use Cavex Temporary Cement, we do not recommend the use for pregnant women and children under the age of 18.

### Indication for use

Cavex Temporary Cement is intended for the cementation of temporary crowns and bridges..

### Clinical benefits

The following clinical benefits can be considered for Cavex Temporary Cement(CTC):

- Eugenol free  
As it is free of Eugenol there is no unpleasant taste

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## Claims

- Easy to use & short curing time  
Two component mixing technique with curing time 4 - 5 minutes much shorter than the ISO3107 specification of 10 minutes.
- Eugenol free  
Therefore no risk of inhibition of the setting of permanent composite cements.
- Distinctive color & easy to remove  
Different color from dentin which make it easy to completely remove the temporary cement before the application of the permanent cement.
- Perfect sealing & low solubility  
Film thickness < 10 µm much lower than the ISO3107 specification of 25 µm  
Acid solubility < 2 ppm

## Product characteristics and specifications

Cavex Temporary Cement is in full compliance with ISO 3107:2011

"Dental zinc oxide/eugenol cements and zinc oxide non-eugenol cements" as Type I.

Characteristic	ISO 3107	Cavex Temporary Cement	
pastes	homogeneous	homogeneous	
setting time	1.5 - 10	4 - 5	min
compressive strength	max. 35	8	Mpa
acid-soluble content	max. 2	< 2	ppm
film thickness	max. 25	< 10	µm

## Handling:

### **Preparatory:**

Extrude equal lengths of the BASE (white) and CATALYST (yellow) paste on the mixing pad, supplied with the package ( mixing ratio by weight is 2.2 : 1)



### **Application:**

Mix for 30 seconds and apply the cement to the provisional restoration (metal, plastic preformed crown or individually prepared resin restoration)

After mixing the temporary cement can be used for its intended purpose, working time > 2 minutes

Leave Cavex Temporary Cement set for 5 minutes.

After complete setting, remove the excess cement. The spatula can be easily cleaned with a tissue before the cement has set

### **Accessories used in combination:**

Cavex Temporary Cement is supplied with a **mixing pad** which can be used as a mixing surface.

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## **Combination products:**

Cavex Temporary Cement can be used for the restoration of a crown, bridge or filling. These provisional are pre-formed or individually made. Cavex Temporary Cement can be used for combinations with:

- All ceramic
- Acrylic resin
- Implant abutments

## **Contra-indications & Warnings**

### **Contra-indications:**

#### Hypersensitivity- or allergic reactions

In cases of a known allergy to any of the ingredients of Cavex Temporary Cement. These phenomena are extremely rare. In such cases the use of suitable alternative materials must be considered.

### **Warnings:**

#### Swallowing

A minor risk under normal conditions in the dental surgery when the temporary appliance with cement is placed or removed. Small amounts of material could be swallowed by the patient. The patient will first react by retching. When swallowed, the Cavex Temporary Cement will be excreted the natural way.

### **Special advice**

According to EU Medical Device Regulation users/ patients are obliged to report serious incidents with a medical device to the manufacturer and to the competent authority of the country, the incident occurred.

### **Storage advice**

Do not store at temperatures higher than 25°C (77°F). Do not use this material beyond its expiry date. Avoid direct exposure to sunlight. Close containers firmly after use and keep out of reach of children.

### **Disposal information**

Dispose of in accordance with local regulations. Do not dispose of contents or partially emptied packaging in household waste or allow them to enter the sewage system.

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Made in The Netherlands

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