

GB CE 0197
INSTRUCTIONS FOR USE**Cavex Non Gamma-2**

Cavex Non Gamma-2 est un alliage d'amalgam à phase dispersée: un mélange de particules et microfine sphériques microparticules d'entactique. Les caractéristiques de manipulation sont comparables à celles d'un amalgame conventionnel: il faut exercer une pression suffisante lors de la condensation.

The amalgam made of Cavex Non Gamma-2 is free from the corrosion-prone and weak gamma-2 phase. Durable restorations with a lasting lustre can be made.

Alloy composition:

Silver (Ag)	: 69.2% (m/m)
Tin (Sn)	: 18.6% (m/m)
Copper (Cu)	: 11.9% (m/m)
Zinc	: 0.3% (m/m)

Cavex Non Gamma-2 est en toute conformité avec les dernières versions des normes ISO 24234 et ADA nr.1. Le mercure contenu dans les capsules pré-dosées est en toute conformité avec la norme ISO 24234.

Indication

Stress-bearing fillings in posterior teeth (Class I and II).

Contraindications

Use of amalgam is not recommended when a physician has deemed it unsuitable for the patient.

+ Hypersensitivity (allergic reaction) to amalgam components.

In such cases the use of suitable alternative materials must be considered.

Warning:

+ After placement or removal of dental amalgam restorations increased mercury concentration in blood and urine has been observed. According to available scientific knowledge this increase has not been associated with any adverse health effects.

+ If the effect persists, the user should consider replacement of the dental amalgam filling after a short lasting duration. If the effect persists, the user should consider replacement of the dental amalgam filling with another material.

+ There have been proved adverse effects on the fetus caused by amalgam placement or presence of dental amalgam fillings in the mother. It is sensible however, when clinically feasible, to minimize health interventions during pregnancy and avoid any unnecessary chemical exposure to the fetus. This precaution should be observed with the use of all dental materials.

+ In individual cases, local mucosal reactions (lichenoid) have been observed. Such local reactions may be of an irritative (mechanical, chemical, electrochemical) or allergic nature.

+ Unnecessary exposure to mercury vapors or dental amalgam fillings should be avoided. Placement and removal of dental amalgam fillings should be performed with appropriate water spray and vacuum suction.

+ Instructions and regulations for storage and disposal of dental amalgam waste must be observed.

Directions for use

Mixing

Cavex Non Gamma-2 is available as powder and as pre-dosed capsules. It should be noted, that the working and hardening time would be somewhat different, depending on the type of mixer used: a high-energy mixer (such as used for pellets and pre-dosed capsules) gives a faster hardening.

The mixed amalgam should be a plastic, coherent mass with a shiny surface.

The recommended mixing proportion for Cavex Non Gamma-2 is:

10 parts of alloy / 11 parts of mercury by weight

Mixing time in a:	
High-energy mixer (such as the Silamat)	Dentomat/Duomat
-	35 - 40 sec
Cavex Non Gamma-2 powder - average dosage setting (for example: amalgam mix) - maximum speed	-

Temps de mélange dans un:	
Mélangeur à haute énergie (comme le Silamat)	Dentomat/Duomat
-	35 - 40 sec.
Cavex Non Gamma-2 poudre - réglage de dosage moyen (comme la partie de mélange) - vitesse maximale	-

Cavex Non Gamma-2 capsules pré-dosées	
I-spill (alliage/mercure 400/435 mg)	-
II-spill (alliage/mercure 600/653 mg)	-
III-spill (alliage/mercure 800/865 mg)	-

- 1. For safety reasons it is best to replace the empty capsule after taking out the mixed amalgam, before cleaning or disposal.
- 2. The mixed amalgam should automatically be inserted into the cavity using an amalgam carrier. The filling should be built up in layers under adequate condensation pressure using a plugger appropriate for the size of the cavity. Do not use an ultrasonic condenser. Carefully remove excess mercury.
- 3. Storage of cotton wool and used capsules in accordance with national regulations.

The times indicated are guidelines and will depend on the condition of the mixer.

Insertion and compaction
After the amalgam has been inserted into the cavity using an amalgam carrier, the filling should immediately be inserted into the cavity using an amalgam carrier. The filling should be built up in layers under adequate condensation pressure using a plugger appropriate for the size of the cavity. Do not use an ultrasonic condenser. Carefully remove excess mercury.

Finishing and polishing
After mixing and compaction, the filling can be finished. Polishing should be done in a subsequent session.

"THIS ALLOY CONTAINS ZINC: THE AMALGAM MADE THEREFROM MAY SHOW EXCESSIVE EXPANSION IF MOISTURE IS INTRODUCED DURING MIXING OR COMPACTING"

Labelling
This information is in accordance with European legislation.



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MODE D'EMPLOI

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