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Capsules, powder and tablets.

- **safe, self-activating reclosable capsule**
- **gamma-2-free in all cases**
- **corrosion-resistant and mechanically stable**
- **no discoloration**
- **meets the most recent ISO and ADA standards**

Capsules. With clear colour-codings. Packed in a crystal-clear, environmentally and user-friendly plastic pot of 50 or 300 capsules.

Non Gamma-2
I spill: yellow/white
400 mg alloy / 435 mg mercury

II spill: yellow/grey
600 mg alloy / 653 mg mercury

III spill: yellow/black
800 mg alloy / 865 mg mercury

Avalloy
I spill: blue/white
400 mg alloy / 420 mg mercury

II spill: blue/grey
600 mg alloy / 630 mg mercury

III spill: blue/black
800 mg alloy / 840 mg mercury

Octight
I spill: green/white
400 mg alloy / 285 mg mercury

II spill: green/grey
600 mg alloy / 430 mg mercury

III spill: green/black
800 mg alloy / 575 mg mercury

Powder. Packed in a practical and stylish 250 g bottle.

Non Gamma-2
powder pack 250 g

Avalloy
powder pack 250 g

Octight
powder pack 250 g

Tablets. The alloy compressed in a handy tablet form, packed in a tube.

Non Gamma-2
250 g tablets in tubes
(each 320 mg)

Avalloy
250 g tablets in tubes
(each 320 mg)

Cavex Non Gamma-2, Cavex Avalloy and Cavex Octight are available from your dental supplier.
For further information about product composition and applications, please contact Cavex,
+31 23 530 77 00 or surf to www.cavex.nl

CAVEX FOR DENTAL USE ONLY

ZYLE51.03

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Amalgam has been a part of the dentist's armoury of materials for more than a century now, and since 1930 it's been a part of the basic product assortment of Cavex too. Millions of fillings worldwide prove daily the durability and high quality of Cavex amalgams in the dental practice. For dental use only.

A new future with Cavex amalgam.

Cavex has developed an amalgam for the generations to come. Cavex amalgam has already proved its reliability, practicality and wear-resistance in dental practice for decades. Now, thanks to the new self-activating and reclosable capsule, Cavex amalgams offer optimum safety too – both during and after mixing. Cavex amalgams avoid the corrosion-sensitive gamma-2 phase, which means they can be used to produce lasting restorations with a permanent sheen. Shortly: a safe product for a new future.

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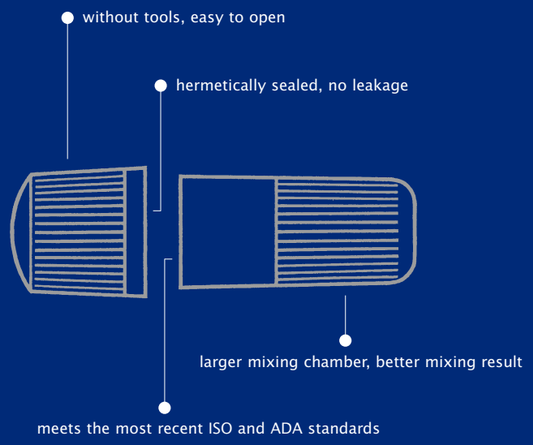
The new, safe amalgam capsule passes every test with flying colours.

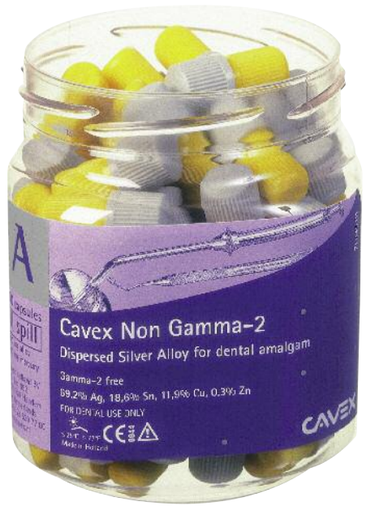
Anyone who thinks there's nothing new to learn about amalgam will be surprised by Cavex's safe, self-activating capsule. This capsule enables you to make the best possible use of the outstanding qualities of Cavex amalgam. After use the capsule can be reclosed – a practical but, above all, safe solution to the problem of possible amalgam residues.



The new capsule forms part of the R&D programme at Cavex, where amalgam alloys have been produced and perfected for many decades.

These amalgams are gamma-2-free, which means less risk of margin fracture and better resistance to chewing loads. The rapid curing prevents damage by premature loading and also shortens working time. Cavex amalgam meets the most recent ISO and ADA standards. Restorations can be finished smooth and shiny, without discoloration. The resulting fillings are attractive, wear-resistant and durable. Fillings will easily continue to function with excellent results for 10 to 20 years.

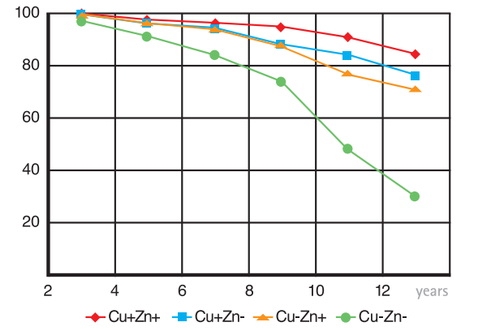
The Cavex assortment has the right amalgam for every dentist, even in problem cases (e.g. if moisture is unavoidable, or when treating children).



The tricks of the trade: the right choice of alloy.

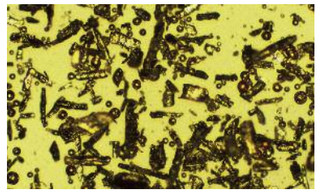
Silver, tin, copper and (in many cases) zinc form the foundation of almost all amalgam alloys. Tin reacts with silver to form the γ-phase (Ag_3Sn), and that lays the solid basis for the amalgam. Copper can partially replace silver, to provide excellent workability.

It's all a question of getting the metals in the right proportion, which is where great progress has been made in recent times. In a modern amalgam alloy the copper content is considerably increased, up to a level at which the formation of the corrosion-sensitive and mechanically weak γ-2 phase (Sn_7Hg) in the cured amalgam is avoided.

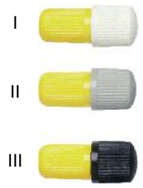


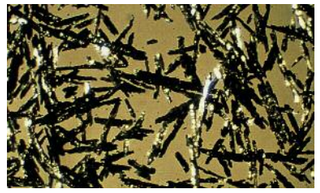
Literature: "The influence of the Amalgam Alloy on the Survival of Amalgam Restorations". H.Letzel et al., J Dent Res 1007.

Clinical research has demonstrated beyond all doubt the positive effects of a high copper content on the lifespan of amalgam restorations. It has further established that the presence of zinc also plays a role, albeit a very limited one. A γ-2-free amalgam containing zinc is the best guarantee of optimum durability in the mouth.

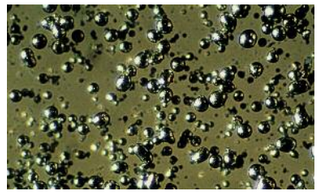


Cavex Non Gamma-2. Dispersed (70% lathe-cut and 30% spherical), gamma-2-free. The most durable of the assortment thanks to the high silver content, flexible due to its spherical qualities, and yet it is firm and packable thanks to its lathe-cut characteristics.
Ag 69.2%, Sn 18.6%, Cu 11.9%, Zn 0.3%.





Cavex Avalloy. Lathe-cut, gamma-2-free. The economical choice thanks to the low silver and high copper content. A packable amalgam (with a feel like "crumbling snow") with no risk of discoloration.
Ag 45.0%, Sn 30.5%, Cu 24.0%, Zn 0.5%.



Cavex Octight. Spherical, gamma-2-free. Minimal mercury content and zinc-free (so no expansion through contact with moisture). Low condensation pressure, highly plastic and with superfast curing. A good choice for situations where moisture contact is hard to avoid.
Ag 60%, Sn 28%, Cu 12%.