

Septalloy NG 50 - capsules

Single composition, non-spherical, non-gamma 2, ternary dental alloy

Composition

100 g of alloy contain:	Ratio powder/ mercury 1:1.2
46.0 g Ag	54.5 % Hg
31.3 g Sn	
22.7 g Cu	

Properties

- Single composition (High Copper Single Composition), non-spherical, zinc-free, ternary alloy; when mixed with mercury, it forms a non-gamma 2 amalgam.
- The zinc-free formula makes the product easier to use and less sensitive to corrosion.
- Complies with standards ISO 1559 (alloys for dental amalgam) and ISO 1560 (mercury).

Features of the capsule

- Tight capsule (complying with the requirements of the standards in force including ISO standards) for a better protection against mercury vapours and that can be used with all types of amalgamators, including those with centrifugation.
- Thanks to its configuration, you can see if the capsule is activated or not.
- Manual activation by pushing the integrated pushbutton.
- After activation, the mercury and alloy enter in contact making the mixing easier.
- Easy opening of the capsule needless of any accessories, simply by lateral pushing of both main pieces.
- The capsule can be closed again after use to ensure the highest environmental safety during storage and before waste reprocessing.

Indications

Filling of cavities in posterior teeth (class I and class II restorations).
Core build-up.

Instructions for use

- Activate the capsule **by pushing the pushbutton vertically**.
- Place the capsule between the amalgamator arms and mix for 6 to 8 seconds (Silamat, Capmix, Vibromix 2000, Linea Tac and Mixomat).
- Open the capsule with a slight pressure on both ends.
- Take the ready-to-use amalgam.
- Close the capsule, not forgetting to place the mixing element back inside. Store these elements before reprocessing.

The resulting amalgam has a working time of 3,50 minutes and a carving time after condensation of 8 to 10 minutes.

These times are suggested ranges, which take into account the variations in the speed of amalgamators and in the lengths of time recommended by the various manufacturers. However, the performances of the product are reproducible, thanks to its high tolerance to these variations.

Warnings and precautions for use

1. Store the capsules of amalgam in a cool, well-ventilated place ($\leq 25^{\circ}\text{C}$).
2. Handle the product in well-ventilated premises with non-textile cleanable wall and floor coverings.
3. Always use water, aspiration and a rubber dam when grinding and polishing the amalgam.
4. Condense the amalgam using conventional methods (non-serrated condenser) . Do not use ultrasonic condensers.
5. Do not place dental amalgams close to other metal restorations, to prevent corrosion.
6. As a precaution, avoid placing and removing amalgam restorations on pregnant or lactating women.

7. When local reactions occur, e.g. lichenoid lesions close to the amalgam, the restoration should be removed.

T - toxic.

Contains mercury.

- Toxic by inhalation.
- Danger of cumulative effects.
- Keep container tightly closed.
- In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
- Avoid putting the amalgam in contact with skin.
- Collect unused amalgam by storage in a closed container used for such waste only.

Dispose of any used capsule in accordance with state regulations.

Note

- After trituration the amalgam should appear glossy and have a plastic consistency. If the amalgam is too dry and/or if setting is too fast, reduce trituration time or speed of the amalgamator. If the amalgam is too soft and the mercury content is too high, increase trituration time or speed of the amalgamator.
Your clinical experience is the best guide to establish the accurate mixing time and obtain a good mix consistency.
- Slow speed amalgamators are not recommended.

Presentations

Box containing 50 or 500 pre-filled capsules (N° 1 and N° 2).
Capsule size : L : 32.5 mm / \varnothing : 15 mm

capsule n°1	capsule n°2
400 mg of powder	600 mg of powder
480 mg of mercury	720 mg of mercury

Caution : Federal law restricts this device to sale by or on order of a dentist.

Warning : This product contains mercury known to the state of California to cause birth defects or other reproductive harm.

