

SURGISPON® PUTTY

- Natural & safe Use dry or mix into paste
- Easy to apply to irregular structures Made from 100% pharmaceutical gelatin
- pH-neutral character – can be combined with drugs
- Stops bleeding effectively Easy handling
- Fast, complete resorption
- High patient comfort – can be left in situ Indicated for general use for capillary and venous and arteriolar bleeding No risk of encapsulation
- Totally bio-degraded in less than 4 weeks
- Surgispon® meets the highest standards. CE 0434, ISO 13485 & GMP certified

- Surgispon®, a worldwide proven hemostatic material, offered by Aegis Lifesciences. Being exported into more than 40 countries.
- Surgispon® absorbable hemostatic sponges and powder are made of Pharmaceutical Gelatin. It is also used as effective drug carrier.

Surgispon® powder can be applied dry in powder form, or as a paste mixed with saline solution. Different consistencies and grades of viscosity can be achieved by varying the powder-to-fluid ratio for optimum use on irregular structures, such as bone, and for filling any cavity or fissure as required.

Surgeons and Operating Room staff benefit from the product's supreme flexibility, adaptability and easy handling. Surgispon® Putty can be applied by hand or with a standard syringe to areas that are hard to reach. It is adhesive, especially when applied in sternotomy and craniotomy procedures, it is not known to cause bone dehiscence unlike conventional bone waxes*.

Why use Surgispon Putty*?

Provides effective and fast hemostasis.

- Flexibility – different consistencies and grades of viscosity can be achieved by varying the “powder/fluid ratio”
- Does not cause bone dehiscence like conventional bone waxes
Ideal for use on irregular structures such as bone and for filling any hard to reach areas like cavities or fissures
- Suitable for neurosurgery

- Provides optical flexibility in treating remove and hard to get to bleeding anatomy.
- Reduces the time the surgeon needs to revisit cut bone surfaces ,to clean up the bleeding.
- It could be left in situ without increased risk of bone infection or non- union of the sternum.
- Absorbs completely, leaving no residue or encapsulation.
- After mixing to desired dilution,Surgispon® Putty can be fashion into many shapes as a putty or instilled into those hard to get to crevices or sinuses.
Putty configuration maximises adherence and stops venous and spongy bone oozing.
- Absorbs by platelet adhesion through surface contact, provides the fastest, < 2 minutes, hemostasis, in comparison to other materials.
- Absorbs completely within 4 weeks, 2-5 days in mucous membrane.



Where to use :

In sternotomy and craniotomy procedures- irregular structures such as bone and for filling any hard to reach areas like cavities or fissures to control venous and arteriolar bleeding



Gelatin Sponge Powder can be mixed and spread by a simple digital pressure on the sternal section surfaces, just after sternotomy and at the end of operation, before chest close-up.



Application of Gelatin Sponge Powder controlling peridural bleeding in the interior of sphenoid sinus.



How to use :

May be applied dry May be soaked with sterile physiological solution or with antibiotics
Open container, add 3-4 ml of sterile saline or thrombin to container, reattach lid and shake until a doughy paste is formed

- Consistency can be adjusted by adding less or more fluid. For paste add 4-5 ml, for mousse add 6-7 ml.
- Surgispon® Putty can be applied by hand or with a standard syringe to areas that are hard to reach.
- Apply to bleeding site and where possible give light pressure with wet gauze for approx 1,5 minutes. For hard to reach areas use an extension.
- When bleeding stops, the excess product should be removed.