



AEGIS LIFESCIENCES

PROTECTION THROUGH PERFECTION



*We matter when
absorbable Hemostats matters*

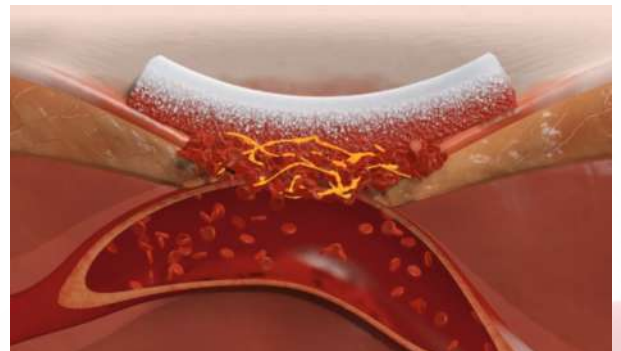
SURGISPON®

SURGISPON® Absorbable Haemostatic Gelatin Sponge is a quick and effective haemostatic which stops bleeding fast. It reduces intra operative bleeding and surgery time. SURGISPON® is non-toxic, non-allergenic, non-immunogenic, and non-pyrogenic. SURGISPON® is already gamma-sterilized, and thus does not need to be resterilized. It is available in a convenient, ready to tear sterile blister/envelope, SURGISPON® unlike many haemostatic agents, does not require special storage conditions. The uniform porosity of SURGISPON® guarantees a favourable haemostasis. When implanted in vivo, it is completely absorbed within 3-4 weeks, with no residue and no encapsulation.



How it works

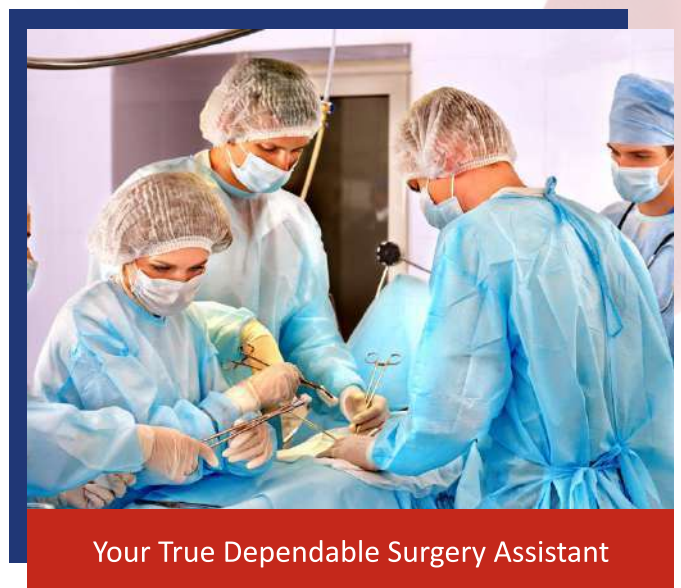
SURGISPON® adheres to the bleeding site and absorbs approximately 45 times of its own weight of blood. It has a porous structure which activates the thrombocytes at the moment blood comes in contact with the matrix of the sponge. This causes the thrombocytes to release a series of substances which promote their aggregation at the same time as their surfaces change character, thus enabling them to act as a catalyst for the formation of the fibrin, which stops the bleeding. When implanted in the tissues, it is absorbed within 3-4 weeks.



Key Benefits:

SURGISPON® fulfils the surgical need for haemostasis with simple efficiency:

- Saves Valuable time for surgeons
- Reduces post operative time and fastens recovery time for the patient
- Gamma Sterile and ready to use
- Easy to cut according to need
- Secure and speedy haemostasis
- Significantly reduces blood loss
- Absorbs 40-50 times its own weight of water/oxalate blood
- No reported side effects
- Does not interfere with tissue healing
- Leaves no residue and encapsulation
- Extremely Cost effective



Application Areas

As a Haemostat in Surgery

Abdominal Surgery | Anorectal Surgery | Dental Surgery | ENT Surgery | Genito Urinary Surgery | Gynaecological Surgery | Hysterectomy | Neuro Surgery | Orthopaedic Surgery | Otolaryngological Surgery | Partial Nephrectomy | Plastic Surgery | Vascular Surgery

As a sealant with Thrombin

Gelatin-thrombin combinations are very helpful in achieving haemostasis. It is particularly useful in neurosurgical applications near the spine, in liver surgery where there is raw liver surface bleeding, and in vascular surgery where needle holes in PTFE grafts continue to ooze.

Vehicle for other Drugs

SURGISPON® is also used as a vehicle for other drugs / antibiotics such as penicillin.

Product ID	Product	Dimensions (mm)	No. of Pieces per box
SSP-805010	STANDARD	80X50X10	10
SSP-705010	REGULAR	70X50X10	10
SSP-8030	TAMPON	80X30 Ø	6
SSP-101010	CUBES	10X10X10	32
SSP-202007	SHEET	20X20X07	20
SSP-801507	NASAL STRIP	80X15X07	10
SSP-8007	NASAL TAMPON	80X07 Ø	20
SSP-303010	DIAL	30X30X10	10
SSP-804010	STRIFEN	80X40X10	10
SSP-802010	STRIP	80X20X10	10
SSP-802507	GYNAEC	80X25X07	10
SSP-602007	SIZE 12-7	60X20X07	10
SSP-100	SIZE 100	125X80X10	2
SSP-120	SIZE 120	120X100X10	2
SSP-200	SIZE 200	250X80X10	2
SSP-705001	SPECIAL	70X50X01	20
SSP-805001	SPECIAL	80X50X01	20
SSP-200705	FILM	200X70X0.5	10
SSP-1208	DENTAL TAMPON	12X08 Ø	32
SSP-01	POWDER	1 Gram	6
SSP-03/05	POWDER	3gm / 5gm	1
SSP-01B/02B/03B	BELLOW POWDER	1 gm / 2 gm / 3 gm	6
SSP-PS06KIT / SSP-PS10KIT	POWDER KIT	550 mg / *6 ml 1 gm / *10 ml	1

* Deliverable Volume After Preparation

SURGISPON® ENT

SURGISPON® - Absorbable Haemostatic Gelatin Sponge for ENT surgeries - "Stops bleeding effectively"

- Porus structure and intrices enables the huge absorption of fluids
- Surgispon® is effective in supporting the new graft in the outer ear canal after tympanoplasty and buttressing middle ear implants
- pH-neutral makes suitable for use with the antibiotics /or other drugs

Key Benefits: SURGISPON® ENT:

- Made from 100 % pharmaceutical gelatin
- Natural, safe & stops bleeding effectively
- Insoluble in water and fully absorbable
- High density sponge for prolonged support and scaffold function in graft and implant surgery
- Also used as a carrier for antibiotics or other medication
- pH-neutral – ideal carrier for drugs
- Easy handling – does not stick to gloves or instruments
- High patient comfort – can remain in the body
- Total absorption time, depending on application , between 3-4 weeks



Why use Surgispon® ENT?

Safe, no complications

The postoperative period of 7 to 21 days can be passed without complications. There was no new bone formation either. The removal of ENT gelatin sponges cubes are easy without problems. A suction could be used occasionally with the use of a forceps. No remnants had to be removed in a second attempt.

User friendly application

Excellent processing abilities and no fuzzing was observed, which is clinically of major importance. According to Priv. Doz Dr. "The pre operative preparations for the nurses are not time consuming and the application procedure was technically simple.

Unsurpassed anti-adhesive and haemostatic

Because of the firm higher density than standard cubes, the cubes stay longer in place, and are as such perfectly suited to be inserted to support and separate tissue to prevent adhesions and to control bleeding.



Tympanoplasty & Myringoplasty

Product ID	Product	Dimensions (mm)	No. of Pieces per box
SSP-805010	STANDARD	80X50X10	10
SSP-101010	CUBES	10X10X10	32
SSP-202007	SHEET	20X20X07	20
SSP-801507	NASAL STRIP	80X15X07	10
SSP-8007	NASAL TAMPON	80X07 Ø	20
SSP-01	POWDER	1 Gram	6

SURGISPON® ANAL TAMPON

- Quick haemostasis in anorectal surgeries
- Best suitable for post operative haemostasis
- Painless and easy tampon discharge
- High blood absorption capacity
- Surgispon® Tampon is provided with an opening into which a flatus drain can be introduced



Surgispon® is manufactured from highly purified & pH neutral pharmaceutical gelatin foam of uniform porosity. Surgispon® is single use & gamma sterilized absorbable haemostatic gelatin sponge. Surgispon® anal tampon is used in haemorrhoid operations and other surgical procedures in the anal, vaginal and rectal regions. Painless and easy tampon discharge. The Surgispon® is easily expelled at first bowel movement, requiring no additional nursing intervention.

Key Benefits: SURGISPON® Anal Tampon

- Surgispon® anal Tampon reduces post-operative pains more effectively than other known forms of anal tampons.
- High absorption capacity - up to 50 times of its own weight.
- Surgispon® anal Tampon liquefies rapidly and is spontaneously expelled within 1 to 2 days.
- Used as a carrier for drugs like antibiotics, thrombin and haemostats glue.
- The gelatin sponge application can save up to 4 days of hospital stay for each rectal patient.
- Significantly increases haemostasis without increasing pain and discomfort.
- It has a non-water-soluble property
- Implantable and completely resorbable
- Does not stick to instruments
- Attaches to the bleeding tissue
- Used dry or soaked with physiological solution
- Non-toxic, Non allergenic, Non-immunogenic, Non-pyrogenic & Biocompatible
- The immediate insertion of an absorbable haemostatic gelatin sponge can reduce the frequency of rectal bleeding.

Where to use

- Anorectal surgery – suitable to better facilitate post operative haemostasis.
- To achieve fast hemostasis in :
 - Haemorrhoidectomies.
 - Anal fistula and fissures.
 - Curettage and Hysterectomies.
 - Surgery for rectal cancer.
 - Rectal prolapse.
 - Colorectal surgery.
 - Insertion into rectum after transrectal prostate needle biopsy, for haemostasis
- For Vaginal application



Product ID	Product	Dimensions (mm)	No. of Pcs
SSP-8030	Tampon	80X30 Ø mm	06

- Fast and effective
- Absorbs 40-50 times of its own weight
- Saves valuable surgical and anaesthetic time

SURGISPON®

SURGISPON® is a sterile haemostatic absorbable gelatin sponge made of pure pharmaceutical gelatine (lyophilized hydrolyzed collagen) foam, which gives it a uniform porosity & reacts neutrally. The dried foam is cut, packaged and sterilised using gamma radiation. SURGISPON® is immediately available for use in the operating theatre and does not require any sterilisation by dry heat or autoclaving.

SURGISPON® may be used in combination with antibiotics, Thrombin, chemo therapeutics without reduction of the sponges haemostatic effect. Carefully read applicable instructions for use before usages.



WHERE to use SURGISPON® Dental

To achieve immediate hemostasis in:- Extractions & Oral bone and soft tissue surgery



TOOTH EXTRACTIONS
Oozing bleeding from alveolus is stopped by application of SURGISPON® Dental cube.



ENUCLATION OF CYSTS
Bleeding from the cavity is controlled with the dental cube.



DETAIL
Dental cube place in cavity.



CONTROL OF PROFUSE
Bleeding after tooth extraction by means of several dental cubes

Product ID	Product	Dimensions (mm)	No. of Pieces per box
SSP-101010	CUBES	10x10x10	12
SSP-101010	CUBES	10X10X10	32
SSP-1208	DENTAL TAMPON	12X08 Ø	32
SSP-202007	SHEET	20x20x07	20

SURGISPON® POWDER

- The flexible surgery assistant
- For fast & proven hemostasis for those hard to reach areas and from oozing spongy bone.
- Surgispon® Powder can be easily formed into any shape, according to surgical site.
- Surgispon® Powder stops bleeding fast, within 2 minutes.

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® powder 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.

Key Benefits: SURGISPON® Powder

- 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 2460, ISO 13485
- 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.



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



Product ID	Size	Pcs	Packing
SSP-01	1 gm	6	1 gm of SURGISPON® Powder in a container packed within a foil pouch.
SSP-03/05	3 gm / 5 gm	1	3/5 gm of SURGISPON® Powder in a container packed within a foil pouch.
SSP-01B/02B/03B	1 gm / 2 gm / 3 gm	6	1/2/3 gm of SURGISPON® Powder in a bellow bottle packed within a foil pouch.
SSP-PS06KIT / SSP-PS10KIT	550 mg / *6 ml 1 gm / *10 ml	1	Following contents are packed within kit. A. 550mg/1gm of SURGISPON® Powder pre-filled in a 25 mL syringe, B. a connector luer, C. an applicator tip, D. a 25 mL empty syringe E. One liquid transfer cup

*Deliverable Volume After Preparation

GLOBAL PRESENCE



28+

Customised size products to take care of almost all types of Surgeries and convenience to surgeons.



Only facility in the World for exclusive manufacturing of Absorbable Haemostatic products, with largest production.

30%+

Annual growth and growing



Most cost effective solutions to the ailing Humanities

50+

Countries presence across the globe.

AEGIS LIFESCIENCES PVT. LTD.

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