

Biomaterials and Composites Solutions



hemospon[®]

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Maquira: much more than 20 years of history

Maquira was founded 20 years ago, but our story began much earlier. In 1976, before I was even born, my father started selling dental products, so I grew up and worked in the world of dental products. Studying and analyzing market needs and opportunities, in 2000 I started producing what would be Maquira's first product: the retainer case.

Since then, Maquira has grown steadily until we became Maquira Dental Group: a group with four brands and more than 450 products. Our daily commitment is to focus on the essentials: offering a complete portfolio, delivering the best dental solutions and serving all our customers with excellence. We constantly invest in the development of new products, technology and expansion to become the largest company in Latin America in digital solutions, biomaterials and dental consumables.

Inspiring healthy smiles

Our purpose is to inspire healthy smiles. We have in mind what we want to contribute and, to achieve this, the Maquira, Makertech, Hemospon and BM4 brands have complete lines of solutions in consumables, digital dentistry, biomaterials, composites and high esthetics. Maquira Dental Group's manufacturing facilities are always growing so that we can develop and produce innovative products that will meet the growing needs of the market. From accessories to 3D printing, we not only seek innovation, but remain committed to providing safe, effective and high-quality products.



Antonio Leme Junior
Founder and CEO





hemospon[®]

**Dental and
Medical**
Hemostatic
Sponge
Solutions



Hemospon® Cube

Lyophilized Gelatin Hemostatic Sponge

Hemospon® is a lyophilized gelatin hemostatic sponge. Hemospon® has a healing hemostatic action and is completely absorbable by the body in approximately 2 to 8 weeks. Hemospon® is non-toxic and pyrogen-free, ready for use. It is packed in individual blisters, and the product is presented sterile, being sterilized by gamma radiation.

Indication:

- Acts in clot maintenance in the surgical region and filling the spaces generated in conventional dental extractions, removal of included or impacted teeth, removal of cysts and tumors, biopsies, etc.

Produced with 100% lyophilized porcine collagen

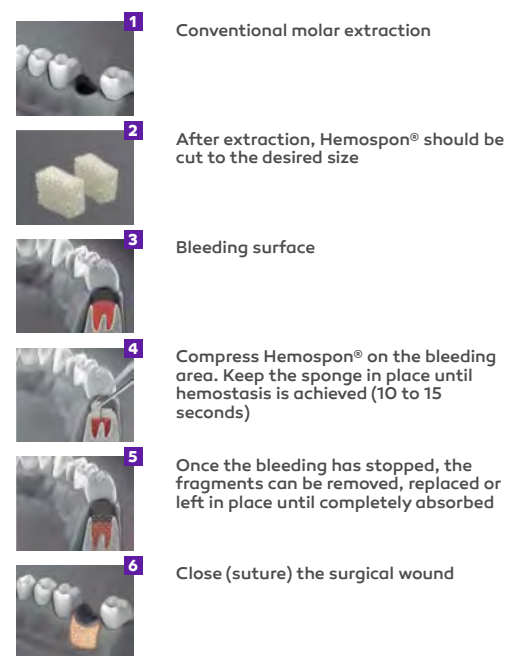
Absorbs 40-50 times its own weight in whole blood

Stabilizes the clot in the alveolus

Facilitates visualization of the surgical field

Presentations:

- Hemospon® Cube 1,0 x 1,0 x 1,0 cm – 10 or 40 units



Hemospon® Cote and Tape

Hemospon® is a lyophilized gelatin hemostatic sponge. Hemospon® has a healing hemostatic action and is completely absorbable by the body in approximately 2 to 8 weeks. Hemospon® is non-toxic and pyrogen-free, ready for use. It is packed in individual blisters, and the product is presented sterile, being sterilized by gamma radiation.

Indication:

- Protection of wounds produced during dental procedures, such as periodontal surgeries, closure of graft donor areas (palatal donors), stabilization of particulate bone grafts and in maxillary sinus surgery (Schneider membrane lifting/repair).

Produced with 100% lyophilized porcine collagen

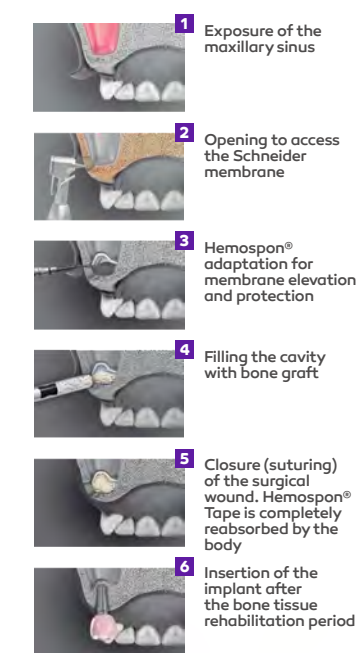
Stabilizes the clot in the alveolus

Absorbs 40-50 times its own weight in whole blood

Presentations:

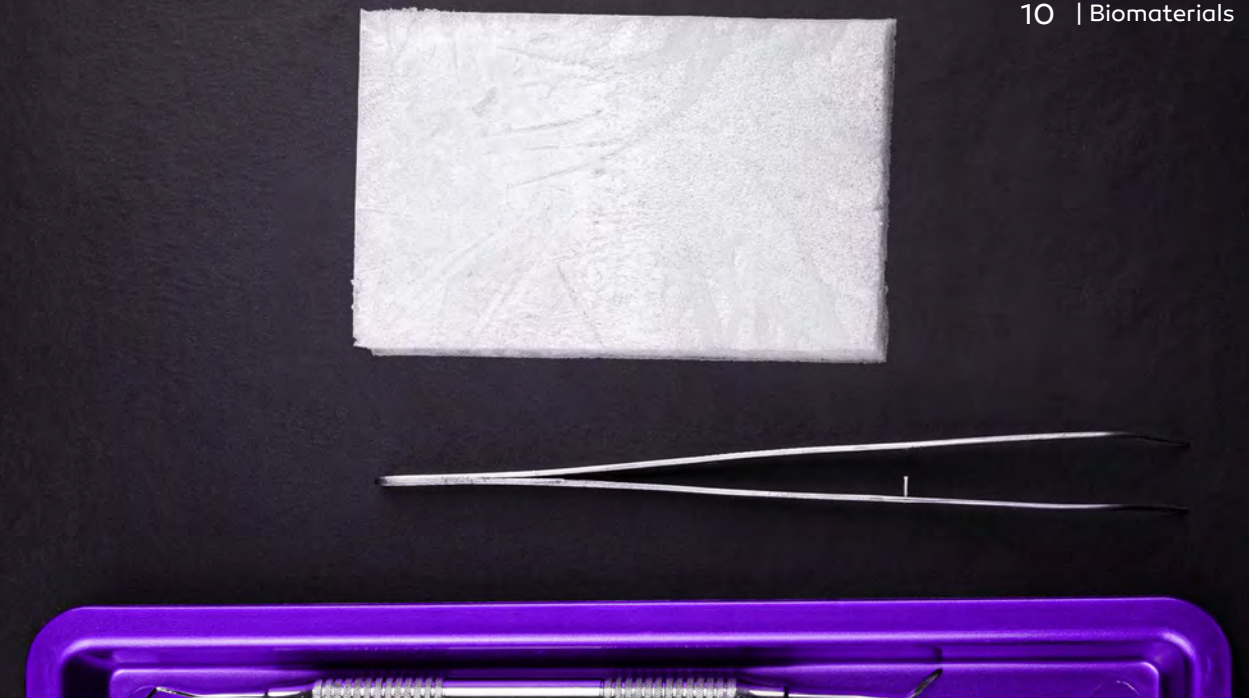
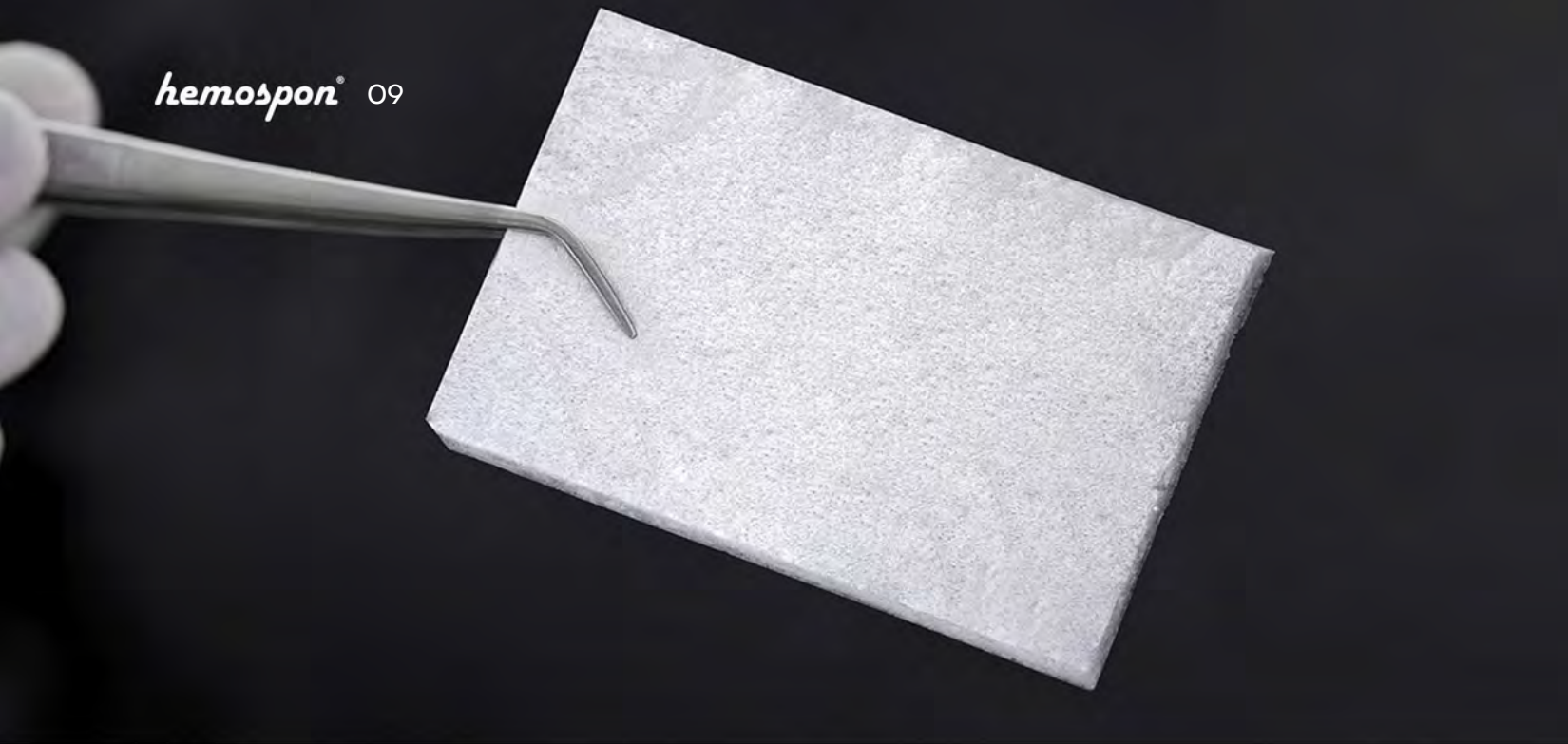
- Hemospon® Cote – 2,0 x 4,0 cm – 1 unit
- Hemospon® Tape – 2,5 x 7,5 cm – 1 unit

Hemospon® TAPE



Hemospon® COTE





Hemospon® Size

Hemospon® is a lyophilized gelatin hemostatic sponge. Hemospon has a healing hemostatic action and is completely absorbable by the body in approximately 2 to 8 weeks. Hemospon® is non-toxic and pyrogen-free, ready for use. It is packed in individual blisters, and the product is presented sterile, being sterilized by gamma radiation.

Indication:

- Product indicated for hospital use or specialized outpatient use. It aims to obtain local hemostasis and help heal in general surgical procedures, such as the removal of cysts and tumor biopsies, among others.

Size Dimension:



Protection of the surgical wound

Hemostatic and healing action

Available in dimension:
Size: 12.5 x 8.0 x 1.0 cm

Stabilizes the clot in the alveolus

Presentation:

- Hemospon® Size – 1 unit



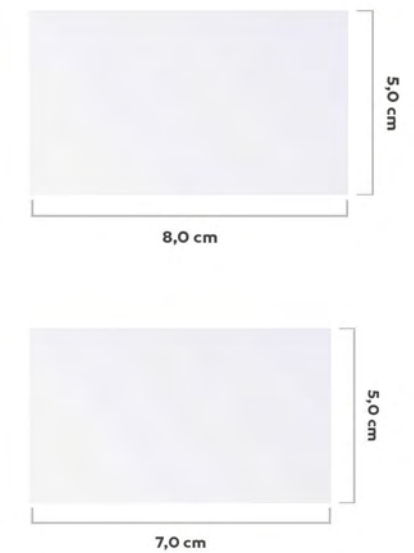
Hemospon® Standard

Hemospon® is a lyophilized gelatin hemostatic sponge. Hemospon® has a healing hemostatic action and is completely absorbable by the body in approximately 2 to 8 weeks. Hemospon® is non-toxic and pyrogen-free, ready for use. It is packed in individual blisters, and the product is presented sterile, being sterilized by gamma radiation

Indication:

- Product indicated for hospital use or specialized outpatient use. It aims to obtain local hemostasis and help heal in general surgical procedures, such as the removal of cysts and tumor biopsies, among others.

Standard Dimension:



Protection of the surgical wound

Hemostatic and healing action

Available dimensions:
• 7.0 x 5.0 x 1.0 cm
• 8.0 x 5.0 x 1.0 cm

Stabilizes the clot in the alveolus

Presentations:

- Hemospon® Standard 70 and 80



The image features a collection of Hemospon composite repair products. In the foreground, several pens are visible, some with their caps removed, showing the applicator tip. The pens are white with blue accents and text. The background is dark, making the products stand out. A semi-transparent dark purple rectangle is overlaid on the center of the image, containing the Hemospon logo and the text 'Composites Solutions'.

hemospon[®]

Composites
Solutions



Hemospon® Clip

Light-cured flexible provisional restorative

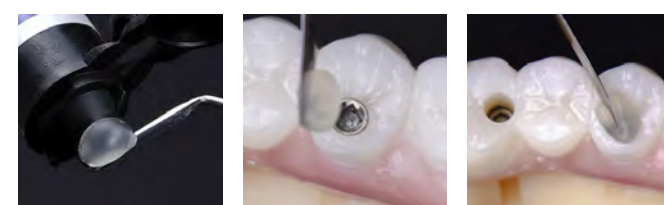
Hemospon® Clip is an easy-to-apply, light-cured flexible provisional restorative. It is a transparent colored product in a 4 g mono-component syringe, which is easy to handle, apply, and ready for use. After polymerization, the resin has an elastic characteristic and is easy to remove.

Indications:

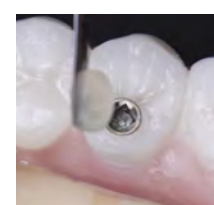
- Temporary restoration in endodontics, prosthetics, and dentistry to temporarily seal the pulp cavity;
- Temporary sealing of screws on implants;
- Confection of a matrix for occlusal sculpture of posterior teeth restored with composite resins (due to its easy removal);
- Temporary treatment in the onlay and inlay techniques.

Presentation:

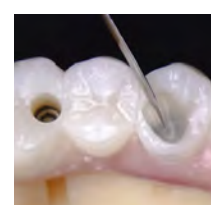
- 1 Syringe with 4 g



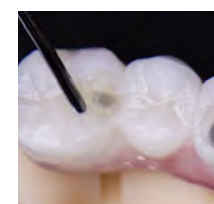
Step 01
Start treatment with Hemospon® Clip



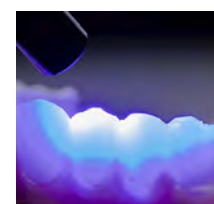
Step 02
Implant screw exposed



Step 03
Applying Hemospon® Clip to the 1st implant screw



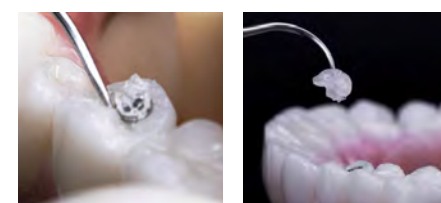
Step 04
Application to the 2nd implant screw



Step 05
Light curing for 40 seconds



Step 06
Final appearance after light curing



Step 07
Easy removal of Hemospon® Clip



Hemospon® Clip Flow

Flow-type flexible light-curing provisional restorative

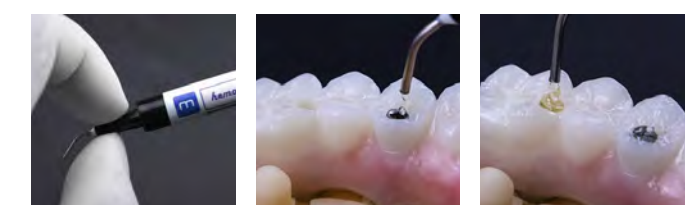
Hemospon® Clip Flow is a light-cured, easy-to-apply, fluid composite temporary restorative. It is a transparent colored product in a single-component syringe that is easy to handle, apply, and ready to use. The product does not damage the preparation margins and is elastic after photoactivation.

Indications:

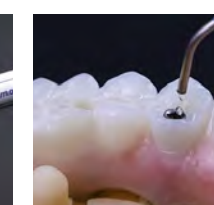
- Temporary restoration in endodontics, prosthetics, and dentistry to temporarily seal the pulp cavity;
- Temporary sealing of screws on implants;
- Confection of matrix for occlusal sculpture of posterior teeth restored with composite resins (due to its easy removal);
- Temporary treatment in the onlay and inlay techniques;
- Fixation of plastic matrices in restoration procedures.

Presentation:

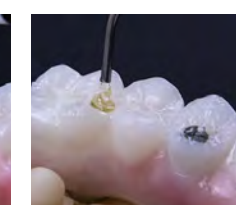
- 1 Syringe with 2 g and 5 tips



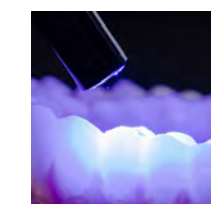
Step 01
Attach the tip to Hemospon® Clip Flow



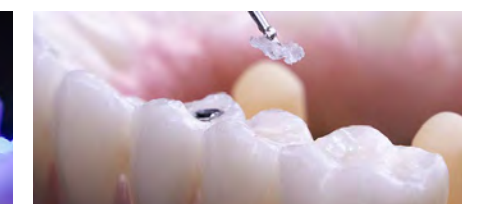
Step 02
Application to the 1st implant screw



Step 03
Application to the 2nd implant screw

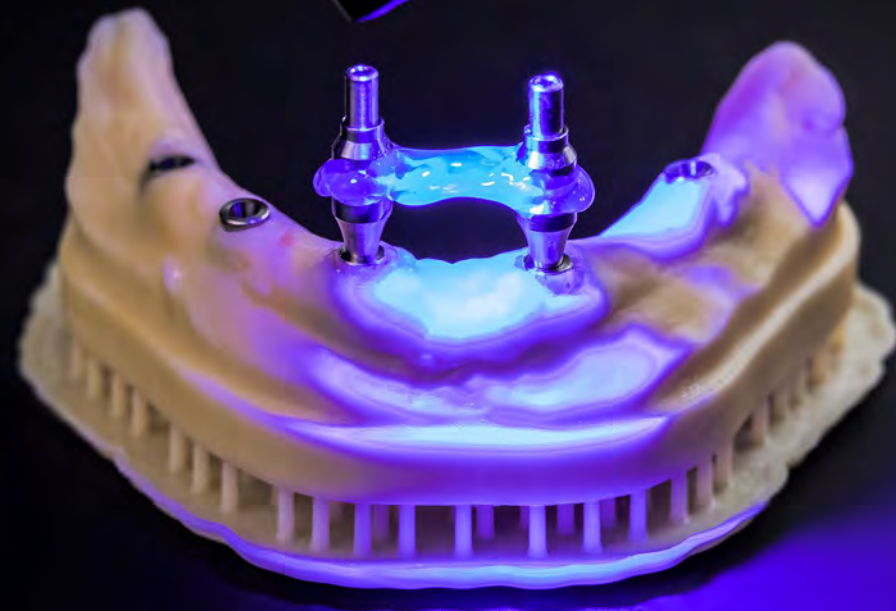


Step 04
Light curing for 40 seconds



Step 05
Easy removal





Hemospon® Pattern Photo Gel

Resin for ferulization

Product based on monomers and fillers used in wound dressing procedures. It is ideal for clinical work because it allows a quick application of the product in the region to be worked on. Hemospon® Pattern Photo Gel has a thixotropic consistency, enabling pattern carving without runoff and loss of material.

Indication:

- Hemospon® Pattern Photo Gel is indicated for transfers over two or more implants and is intended for use by dental surgeons and prosthetics.

Ideal thixotropic consistency, allowing patterns to be sculpted without runoff and loss of material.

**Light curing
40 seconds***
**(Using a blue light device of at least 1200 mW/cm²).*

Available colors:

- Blue
- Red
- Green
- A1

Presentation:

- 1 Syringe with 3 g and 3 tips

Step by step 1 (with guide)

- 1 Prepare the guide with dental floss
- 2 Apply Hemospon® Pattern resin around the first transfer
- 3 Light-cure in position
- 4 Apply Hemospon® Pattern resin around the second transfer
- 5 Light-cure in position
- 6 Connect the two transfers with Hemospon® Pattern by depositing the material on the floss
- 7 Transfer ligaments with Hemospon® Pattern finished
- 8 Light-cure the material scanning

Final aspect of the procedure

Step by step 2 (without a guide)*

- 1 Apply the material around the transfers
- 2 Light-cure in position
- 3 Start of the process of connecting the transfers with light-curing resin increments in scanning mode
- 4 End of the process of connecting the transfers with light-curing resin increments in scanning mode
- 5 Light-cure the material scanning

Final aspect of the procedure
**If there is a long distance between the instruments, a floss guide is recommended.*