

**STRONG,  
FLEXIBLE,  
DURABLE**



A high-viscosity topical skin adhesive designed for strength, flexibility, and durability.

***derma+flex***<sup>®</sup>  
TOPICAL SKIN ADHESIVE  
High Viscosity Medical Cyanoacrylate



Tilt up for a precise line,  
tilt flat for broad strokes.

## How *derma+flex*<sup>®</sup> Works:

*derma+flex*<sup>®</sup> is the perfect solution for the topical closure of surgical incisions and minor traumatic incidents.

Our formula self activates upon contact with skin after application. Once applied to the wound, *derma+flex*<sup>®</sup> quickly polymerises in reaction to the chemistry of the skin, creating a strong-but-flexible microbial barrier.

Applied topically over a wound or incision *derma+flex*<sup>®</sup> creates a bond which bridges the edges forming a strong, flexible seal. *derma+flex*<sup>®</sup> cures to form a waterproof, flexible film which will stay on the skin for up to 10 days, protecting the wound or incision from external dirt and bacteria.

### *Easily approximated wounds from surgical incisions\* such as:*

- + Nephrectomy
- + Thyroidectomy
- + Laparoscopic procedures
- + Partial mastectomy / mastectomy
- + Colorectal surgery
- + Abdominal surgery
- + Urology procedures
- + Hepatectomy
- + C-section
- + Orthopaedic procedures

*\*derma+flex*<sup>®</sup> may be used in conjunction with, but not in place of, deep dermal sutures.

## How to Use *derma+flex*<sup>®</sup>

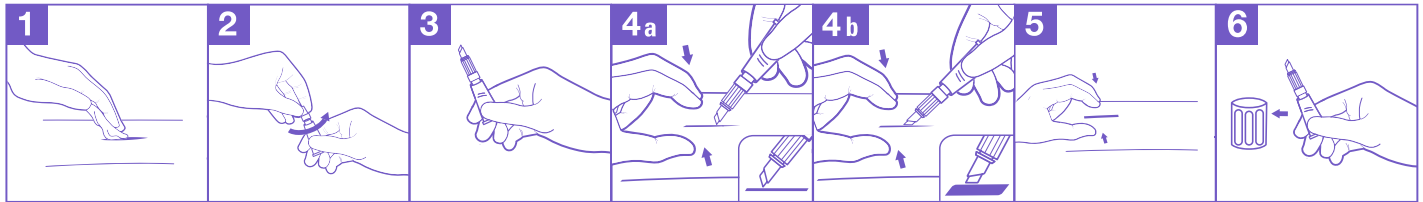
- 1** Squeeze the tube to prime the applicator until the violet-dyed adhesive colours the tip or sponge.
- 2** Approximate the wound edges and thinly spread the adhesive over the wound site.
- 3** Take care not to apply the adhesive too thickly (no violet colour should be visible) as this will increase the cure time.
- 4** Hold the approximated wound edges together for 60 seconds to allow the adhesive to cure.

Our unique blend of 60% 2-octyl cyanoacrylate and 40% n-butyl cyanoacrylate combines the most desirable properties of each adhesive and is perfectly engineered for operating theatre and A&E applications.



*derma+flex*® is also fast-setting and easy to apply. Our adhesive features a gel-like consistency that won't drip, run, or seep into wounds.

*derma+flex*® is supplied complete with dual purpose, soft foam applicator tip.



## PRODUCT BENEFITS



### FOR MEDICAL STAFF:

- + Creates a Microbial Barrier\*
- + Easy to Apply
- + Highly Flexible
- + Suture & Staple Compatible
- + Sets within 60 Seconds

### FOR THE PATIENT:

- + Waterproof, Shower-Friendly Formula
- + Painless Application
- + No Suture Removal
- + Minimal Exothermic Effect
- + Cosmetically Appealing

### FOR THE HOSPITAL:

- + Faster Wound Closure
- + Lower Cost
- + A&E Friendly
- + No Sharps Risk
- + Room Temperature Storage (No Refrigeration Required)
- + Safe & Reliable



### OPEN WOUND

Wound has been cleaned and haemostasis achieved



### TREATED WOUND



### HEALED WOUND

3 months later



# BENEFITS FOR MEDICAL STAFF

*derma+flex*<sup>®</sup> features a unique formula addressing both Operating Theater and A&E requirements. It sets within 60 seconds with virtually no exothermic effect whilst maintaining the high flexibility and bond strength of 2-octyl adhesives.

## We Have Medical Professionals in Mind

Every aspect of our product and packaging has been designed to simplify application in the Operating Theatre or A&E environments. *derma+flex*<sup>®</sup> features

### + INTUITIVE AND SAFE APPLICATION

Our packaging promotes intuitive, safe, and precise handling. The dual applicator tips cater to different wound types and allow for multiple applications on a single patient. The lack of a glass vial in the packaging prevents medical professionals and patients from sharps related injuries.

### + GREATER STRENGTH

The chemical characteristics of *derma+flex*<sup>®</sup> ensure higher tensile strength than n-butyl based cyanoacrylate tissue adhesives.

### + HIGH VISCOSITY

*derma+flex*<sup>®</sup> is more viscous than the majority of available tissue adhesives on the market. The gel-like consistency means our formula stays in place and won't seep into the wound.

### + SUTURE & STAPLE COMPATIBILITY

*derma+flex*<sup>®</sup> is an ideal complement to sutures or staples. Apply deep dermal sutures or staples to close wounds and then cover the top of the wound with *derma+flex*<sup>®</sup> to provide a waterproof microbial barrier.

### + HIGH FLEXIBILITY

As *derma+flex*<sup>®</sup> is a dual blend of octyl and n-butyl cyanoacrylates, it is more flexible and less prone to cracking than n-butyl based cyanoacrylate tissue adhesives. The result is a flexible film that better resists cracking and retains the skin bond for longer – lasting for up to 10 days.

### + FASTER HEALING

The formation of a strong, flexible and waterproof film sealing the wound promotes healing by shielding the wound from external dirt and bacteria and allows the patient to shower soon after application.

### + FASTER SETTING

The fast setting time of *derma+flex*<sup>®</sup> ensures convenient handling and patients' comfort. The adhesive sets fast enough to prevent migration from the wound and to create a strong skin-like cover with just one application.







# BENEFITS FOR THE PATIENT



## *We Have Patients in Mind*

### + MICROBIAL BARRIER

In vitro testing shows medical cyanoacrylate skin adhesives create a microbial barrier, sealing the wound, as long as the adhesive is fully intact.\*

### + SHOWER-FRIENDLY FORMULA

When treated with *derma+flex*<sup>®</sup>, patients can shower soon after the wound closure procedure. This enhances overall patient satisfaction as their daily routines are not affected.

### + ELIMINATE EXTERNAL SUTURE REMOVAL

For many minor wounds, *derma+flex*<sup>®</sup> adhesive can spare patients the discomfort of suturing. *derma+flex*<sup>®</sup> adhesive increases patient convenience by eliminating the return visit for suture removal. The adhesive will naturally slough off as the wound heals.

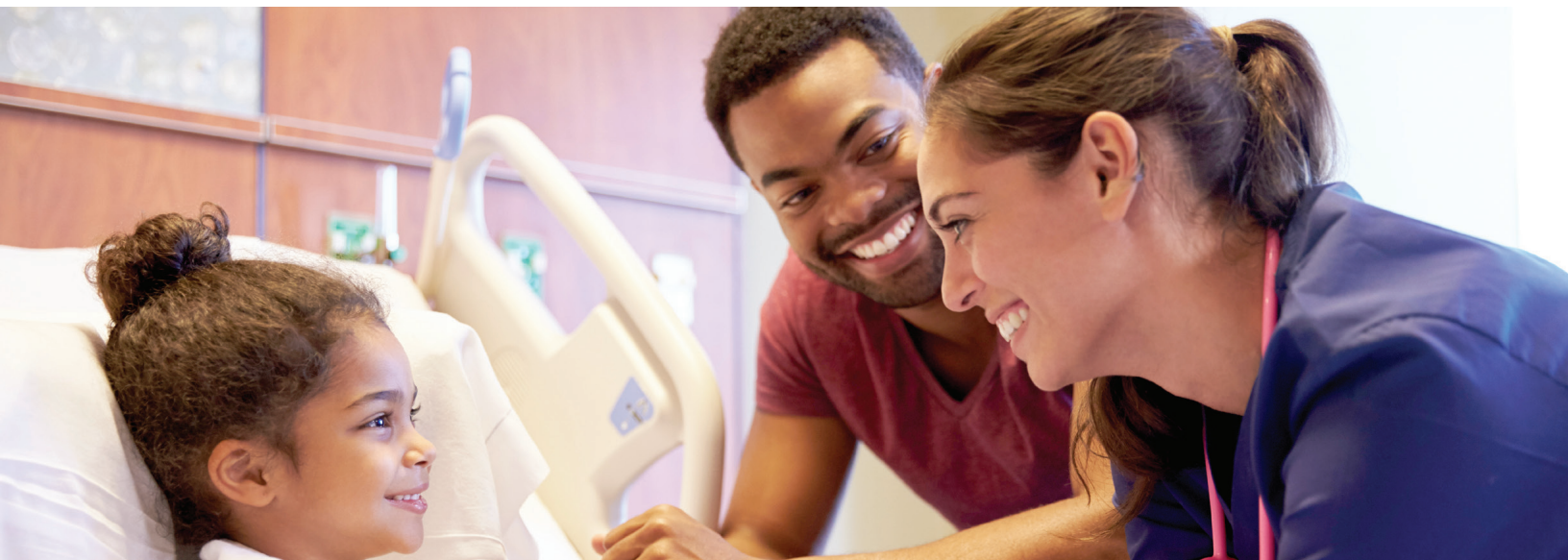
### + MINIMAL EXOTHERMIC EFFECT

*derma+flex*<sup>®</sup> is virtually free from the exothermic effect, meaning patients won't feel a temperature increase as the adhesive sets on the skin. This makes *derma+flex*<sup>®</sup> an optimal solution for the A&E environment, where wounds can be closed without anesthesia or the presence of a surgeon, even when dealing with the delicate skin of children.

### + COSMETICALLY APPEALING

With *derma+flex*<sup>®</sup>, surgeons can close the edges of the wound evenly at its full length. The waterproof, flexible, crack free barrier created by *derma+flex*<sup>®</sup> remains intact for the entire healing time. no additional wounds or pressure points are created in the skin, which may result in a better cosmetic appearance.

\* Supporting documentation available upon request





## BENEFITS FOR THE HOSPITAL

*derma+flex*<sup>®</sup> is the topical skin adhesive of choice for thousands of hospitals worldwide due to its cost effectiveness, versatility and ease of use in both surgical and A&E environments.

### *We Have Hospitals in Mind*

#### + **FASTER WOUND CLOSURE**

It is estimated that wound closure procedures, performed with the use of topical skin adhesive rather than sutures, take on average 50-60% less time\*.

#### + **LOWER COST**

Faster wound closure procedures, reduced use of anaesthesia, fewer hospital staff involved per procedure and a lower percentage of post-operative complications. In addition, there is no need for the patient to re-visit the hospital for suture removal. All the above add up to savings for the hospital.

#### + **A&E FRIENDLY**

Minimal exothermic effect combined with the surgical strength of the bond makes *derma+flex*<sup>®</sup> fit for both Operating Theatre and A&E applications.

#### + **NO GLASS IN PACKAGING**

Numerous competitive topical skin adhesives use glass vials, which need to be broken prior to the application of the adhesive to the skin. This form of packaging may become a sharps risk, as the glass shards can perforate protective gloves. In 2017 alone, 120 such cases were reported to regulatory authorities\*.

#### + **ROOM TEMPERATURE STORAGE**

In addition, unlike many competitive products, *derma+flex*<sup>®</sup> can be stored in ambient temperature of up to 30° C, making refrigeration unnecessary.

\* Supporting documentation available upon request



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