# THE ULTIMATE SOLUTION FOR WOUND CLOSURE



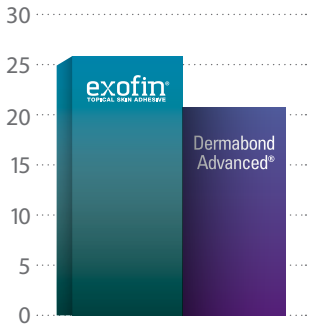

# exofin®

## TOPICAL SKIN ADHESIVE

High Viscosity, 2-Octyl Cyanoacrylate

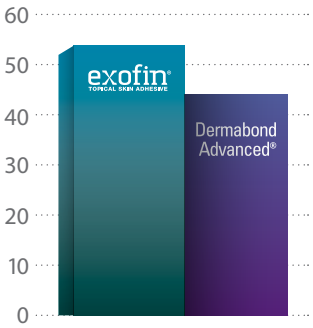
# Comparative Strength Data

### *Tensile Strength*



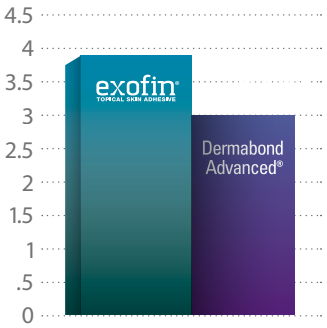

ASTM F2258-05*
Measurement = PSI

### *Lap Shear*



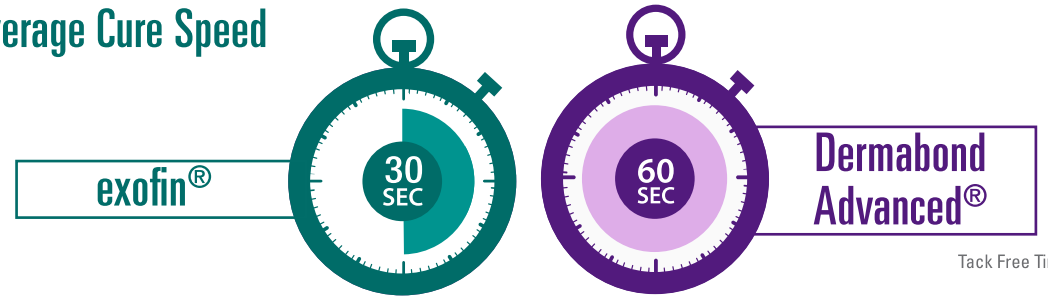

ASTM F2255-05*
Measurement = PSI

### *Wound Closure*




ASTM F2458-05*
Measurement = Pounds Force

## Average Cure Speed




Tack Free Time*

*Data on file



## exofin® Topical Skin Adhesive



# [exo·fin]

**exo-** "Outer, outside, exterior, exoskeleton"

**-fin** "Finished, completed, finality"

*The results of two years' observation and feedback from healthcare professionals worldwide, clearly showed that no single topical skin adhesive contained all the attributes that mattered most to them. From this valuable information, the renowned research and development facility at Chemence Medical created a topical skin adhesive that delivers on all the requirements asked for. We are excited to introduce the next generation of medical adhesives: exofin® Topical Skin Adhesive.*

**JEFF ROBERSON**
President, Chemence Medical, Inc.

## The exofin® Advantage

### PRODUCT FEATURES

#### FAST

Fastest polymerising 2-octyl topical adhesive on the market today*

Average set time is less than 30 seconds, which is 2 x faster than competitive products*

#### STRONG

2-Octyl formulation is proven to be the strongest and most flexible topical skin adhesive available**

The high viscosity formula and proprietary production process gives exofin® a bonding strength between 19% to 25% greater than competitive 2-Octyl adhesives*

#### FLEXIBLE

High purity 2-Octyl technology ensures flexibility on skin and prevents cracking

Added flexibility allows the adhesive to remain intact for up to 5 -10 days

#### SAFE

Provides a microbial barrier against clinically relevant pathogens, including MRSA †

Glass free packaging – NO risk of glass shards mixed with adhesive or puncturing the gloves to jeopardize safety of the healthcare personnel

#### INNOVATIVE

Soft and Flexible Applicator glides across uneven surfaces, reaching difficult to access areas and ensuring that the adhesive creates a perfect seal over the wound or incision

Transparent Tip allows users to see the adhesive prior to expression, therefore eliminating the "surprise" of too much glue being dispensed all at once

FAST + FLEX TECHNOLOGY

Sources: *Data on file ** Singer AJ, et al. Comparison of wound-bursting strengths and surface characteristics of FDA-approved tissue adhesive for skin closure. J Adhes Sci Technol. 2004; 18:10-27 †Data on file: Exofin® was tested in vitro to demonstrate that it acts as a barrier to clinically relevant organisms including Methicillin Resistant S. aureus (MRSA), E. coli, P. aeruginosa, S. epidermidis and Aspergillus brasliensis.

# GLASS-FREE PACKAGING WITH INNOVATIVE APPLICATOR



## ANGLED TIP

Angled tip moves easily along body contours

Clear applicator allows user to see adhesive before it is dispensed

Optimal size of the skin contact area ensures precision of the adhesive application




## LONG CONNECTOR PIECE

Raised grooves allow for easy grip with gloved fingers

## ALUMINIUM TUBE

Glass-free packaging for safety and convenience

Simple and intuitive dispensing

1ml is the highest fill in the industry

## EASY TO USE

Application is very simple, intuitive and technique independent. No special training required.

Just tighten applicator tip and begin to express adhesive

Controlled application tip ensures the same reliable result each time for both multiple or single coats

## VISCOUS

Proprietary formulation and production process gives a high viscosity

Reduced risk of adhesive migration (flowing) away from the incision site!

## PATIENT FRIENDLY

Waterproof barrier allows patient to take a shower almost immediately after the medical procedure

Less trauma to the wound site

No need for hospital revisit for suture removal nor anaesthesia in emergency or outpatient applications

## COST EFFECTIVE

Saves time and reduces costs of wound closure procedures

1 ml tube – 43% more adhesive than Dermabond® Advanced and 25% more than the largest comparable adhesive unit available

0.5 ml tube – 39% more adhesive than Dermabond® Mini



## Applications



exofin® Topical Skin Adhesive has a gel-like viscosity. The increased viscosity of exofin® is intended to reduce the risk of unintended placement of the adhesive during application due to migration of the liquid adhesive from the wound site.

In vitro studies have shown that exofin® acts as a barrier to microbial penetration as long as the adhesive film remains intact.

exofin® is intended for topical skin applications only - and to hold closed easily approximated skin edges of wounds - from both surgical incisions, including incisions from minimally invasive surgery, and simple, thoroughly cleansed, trauma-inducted lacerations.

exofin® Topical Skin Adhesive may be used in conjunction with, but not in place of, deep dermal sutures.

**GENERAL OPERATIONS**

**OBSTETRICS & GYNAECOLOGY PROCEDURES**

**ORTHOPAEDIC SURGERIES**

**CARDIOVASCULAR SURGERIES**

**C-SECTIONS & COSMETIC SURGERY**

## Exofin® in action, examples:



**LAPAROSCOPY**



**C-SECTION**



**ABDOMINOPLASTY**



**KNEE ARTHROSCOPY**



**MASTECTOMY**



DIRECTIONS

## Directions for Use



1. The incision or trauma site must be clean and dry before applying adhesive. Ensure that the wound edges are easily approximated.
2. Screw the Applicator Tip onto the threaded tube in a clockwise direction until the applicator is tight and seated on the tube. The applicator will puncture the foil membrane on the tube once seated and adhesive will be allowed to flow.



3. When holding the tube downright for Micro version or horizontally for 1ml version, and away from the patient, gently squeeze the tube from the bottom, moving the adhesive upward until it becomes visible through the applicator device.



4. While approximating skin edges, apply by squeezing the tube gently and continuously as you spread the adhesive back and forth over the wound site.

   Continue to hold the wound edges in approximation until the adhesive becomes tacky. Typically less than 20 seconds. A smooth and even coat of adhesive is desirable.



5. Once adhesive has completely polymerised (non-tacky) you may cover the site with a secondary bandage. If a secondary bandage is used, DO NOT apply to the adhesive area until it is completely tack free. Applying while tacky may result in adhesive removal when removing secondary bandage and possibly dehiscence of the wound site.
6. Discard adhesive device according to normal protocol after use.




REF EX91510
exofin® Topical Skin Adhesive Micro 0.5 ml
Box of 10 Tubes




REF EX91011
exofin® Topical Skin Adhesive 1 ml
Box of 10

CHEMENCE® MEDICAL

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