

**Skin glue complications impacting outcomes?  
There's a NEW solution available.**

# **Recalibrate Your Patients' Skin Adhesive Needs**

**Next-Generation Topical Skin Adhesive**

**Introducing the FIRST and ONLY  
topical skin adhesive using novel  
Methylidene Malonate chemistry**

 **DeRoyal<sup>®</sup>**

# Skin Adhesive Chemistry: Why Methylidene Malonate (MM)?

Methylidene malonate formulations deliver exceptional product properties, including biocompatibility and durability, compared to cyanoacrylate skin protectants.

## Biocompatible



Laboratory studies confirm non-cytotoxic to human cells<sup>1</sup>

## Strong, Flexible, Durable



Adheres strongly to skin & creates a highly flexible and durable bond<sup>2</sup>

## Fast Dry Time



Dries in seconds, fully setting within a few minutes<sup>3</sup>

## Bacterial Barrier



Effectively adheres to skin, creating a protective barrier film<sup>4</sup>

## PRODUCTS

NaavaBond™ Adhesive + Dispenser with Methylene Malonate



## Product Attributes<sup>1-4</sup>

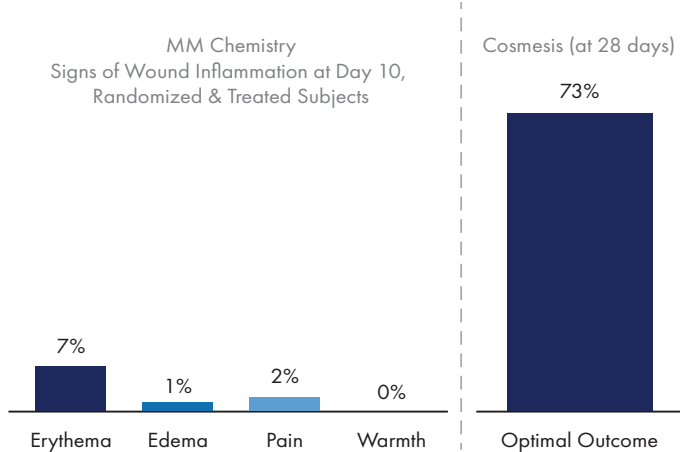
- Supports achieving skin closure
- Acts as a physical bacterial barrier to external contaminants
- No detectable formaldehyde byproduct

## Product Delivery

- Transparent tip for flow and target visualization
- Easy to express adhesive
- Excellent control over product flow

# Methylidene Malonate (MM) Monomer chemistry showed minimal signs of wound inflammation at Day 10 in a randomized study comparing to conventional wound closure devices.<sup>5</sup>

## NaavaBond™ MM Chemistry vs. CWCD<sup>5</sup> (n=96)



Conventional Wound Closure Device (CWCD) in this study were limited to sutures, staples, and adhesive strips.

## Existing Cyanocrylates Adhesives (CA) - FDA Safety Profile<sup>6</sup>

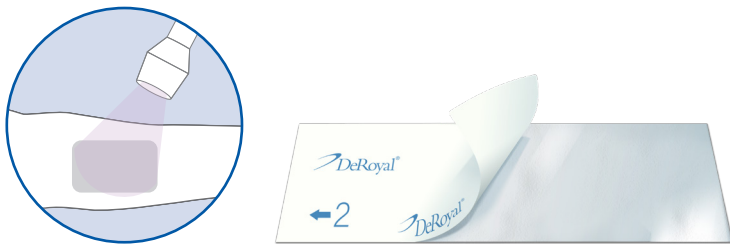
The overall quality of evidence on local responses with use of CA as tissues adhesive is moderate for inflammation, bleeding dehiscence, discharge, drainage, erythema, and keloid formation.

Application	Local Host Responses/Device Events	Quality of Evidence (local responses)
CA as a Tissue Adhesive (12 human studies)	Abscess, adhesion, allergic reaction, bleeding, cellulitis, dehiscence, skin closure, isolated wound separation, discharge or drainage, surgical site infection, edema, erythema, pruritus, hyperpigmentation, hematoma, seroma, inflammation or swelling,	Moderate for inflammation, bleeding dehiscence, discharge, drainage, erythema, and keloid formation

CA Data Table- Summary of Primary Findings from FDA Systematic Review.<sup>6</sup>

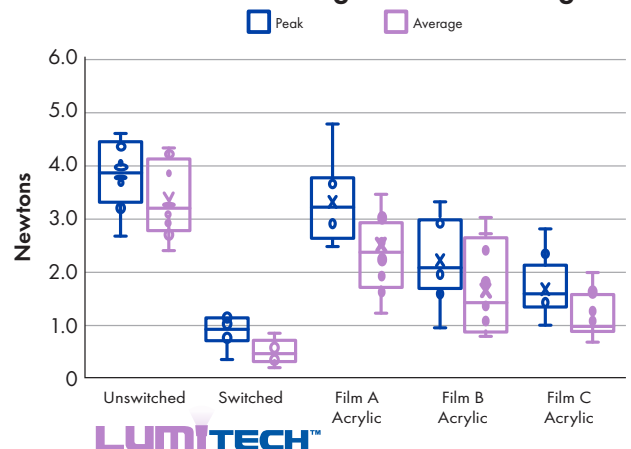
## Available with Lumitech® Film Dressings

**LUMITECH®**



Lumitech Film Dressings featuring Lumina® adhesive technology deliver a premium securement solution for clinicians seeking strong adhesion with gentle removal option when using a UV light.<sup>7</sup>

## Lumitech Dressing vs. Film Dressings<sup>7</sup>



# NaavaBond™ Topical Skin Adhesive and Lumitech® Film Dressings Available in the LumiBond™ Skin Closure System

The LumiBond Skin Closure System kit supports skin closure of incisions. The kit includes NaavaBond Topical Tissue Adhesive (methylidene malonate chemistry) with Lumitech Film Dressings. Both technologies support skin friendly outcomes, while not compromising on clinical performance.

DeRoyal Lumitech Film Dressings are composed of a protective, breathable, water-resistant polyurethane film incorporating Lumina® adhesive technology. Lumina adhesive technology is a patented UV-Light “switchable” adhesive film that supports long wear time with the option for gentle removal.

**To learn more about these products or to place an order, Call 1-888-938-7828 or visit DeRoyal.com.**



Product No.	Description	Description (Each Kit)	Ea/Case
46-LB195	LumiBond Skin Closure System 19cm	(x1) NaavaBond™ Tissue Adhesive, (x1) 19x5 cm Lumitech® Film Dressing	10
46-LB385	LumiBond Skin Closure System 38cm	(x2) NaavaBond™ Tissue Adhesive, (x2) 19x5 cm Lumitech® Film Dressings	10
46-LB55	LumiBond Skin Closure System Laparoscopic	(x1) NaavaBond™ Tissue Adhesive, (x5) 5x5 cm Lumitech® Film Dressings	10
46-LB1010	LumiBond Skin Securement System 10cm x 10cm	(x1) NaavaBond™ Tissue Adhesive, (x1) 10x10 cm Lumitech® Film Dressing	10

**NAAVABOND INDICATIONS FOR USE:** NaavaBond Topical Skin Adhesive is intended for topical use only, to hold together the skin edges of incisions and lacerations that are under minimal tension and easily approximated. Where significant tension exists on incisions or lacerations, NaavaBond™ Topical Skin Adhesive should be used in conjunction with deep dermal stitches.<sup>2</sup>

**LUMITECH INDICATIONS FOR USE:** DeRoyal Lumitech Film Dressings provide a sterile, water resistant barrier to protect intact skin and can be used to secure/protect wound dressings and sealed wound closure devices (e.g. skin glue adhesive), and for non-critical tubing securement.

1-4. OptMed / DeRoyal Data on File  
 5. OptMed Clinical Study Report: PD-100-002/20140409  
 6. FDA Medical Device Material Performance Study, Cyanoacrylate Safety Profile, May 2021, <https://www.fda.gov/media/158488/download>  
 7. Cayce et al. American Burn Association, 2025 – Presentation



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