

Skin Reactions With Cyanoacrylates

Skin reactions often occur when a patient has inherent sensitivity to cyanoacrylate adhesives or the adhesive is applied incorrectly. Use the information below to minimize the potential for skin reactions while using LiquiBand®.



Frequent use of cyanoacrylates can induce sensitization.



The rate of skin reactions is increasing. 14% of patients had reactions to cyanoacrylate glues in a recent study.¹



Despite the above, LiquiBand®'s overall rate of complaints received per device sold is very low at less than 0.003%.

Factors that can cause skin reactions

- ▶ Patient sensitivity to cyanoacrylates, formaldehyde.
- ▶ Wounds that are not correctly cleansed prior to application.
- ▶ Migration of the adhesive into the wound; this typically happens when wound edges are not correctly apposed prior to application.

KEY CONSIDERATIONS

LiquiBand® should not be used on patients that have known hypersensitivity to cyanoacrylates or formaldehyde.² Surgeons should inquire preoperatively about their patient's history with these ingredients. Cyanoacrylates and formaldehyde are also found in some household and industrial products outlined below.

Keep in mind, routine exposure to these common items can also increase sensitivity.

Cyanoacrylate



Artificial nails

False Eyelash Glue

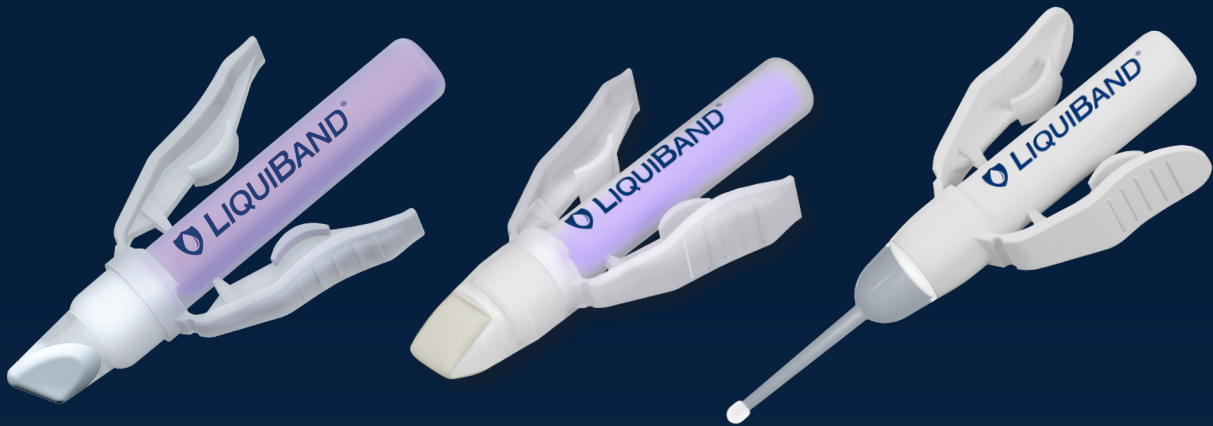
Super Glue

Formaldehyde



Varnishes and Paints

Industrial Adhesives

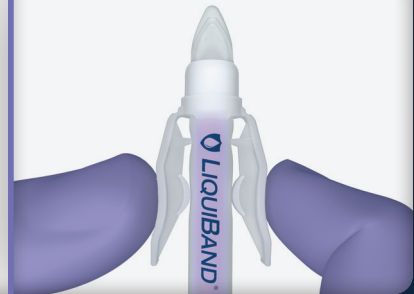


APPLICATION GUIDE

All 3 products have the same, universal 3 step technique.

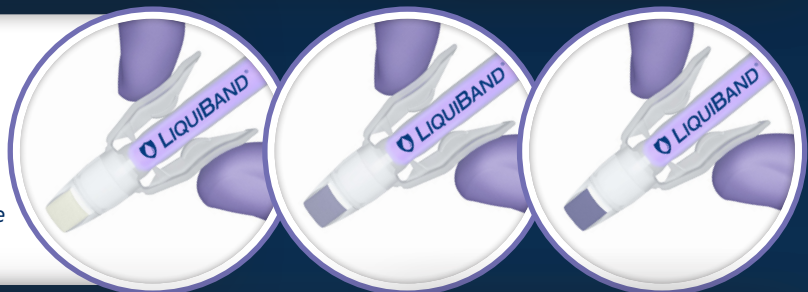
STEP ONE

- ✓ Remove the LiquiBand® product applicator from the package using sterile technique.
- ✓ Point tip upwards, and away from the patient to avoid unintentional placement of the topical skin adhesive into the wound or on the patient.
- ✓ Squeeze the wings on the applicator with sufficient pressure to crush the inner glass ampoule; you will hear the glass ampoule crush.



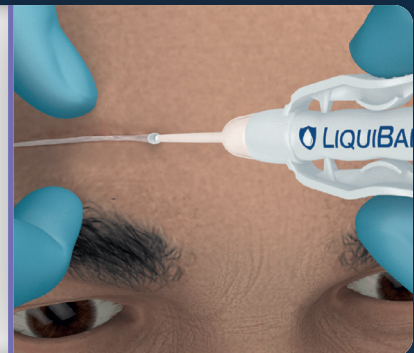
STEP TWO

- ✓ Squeeze the wings and hold until adhesive can be seen moistening the foam tip.
- ✓ Once adhesive is visible on the tip, move immediately to step 3 for application.



STEP THREE

- ✓ Using gloved fingers or forceps, tightly hold the wound edges together.
- ✓ Squeeze the wings continuously to express the adhesive onto the skin.
- ✓ Apply LiquiBand® along the length of the wound. Continue holding the wound edges together until the adhesive is set and the wound is secure.
- ✓ Apply a thin film of adhesive along the edges of the wound.



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References:

1. Nigro et al, 2019, Should We Stick with Surgical Glues? The Incidence of Dermatitis after 2-Octyl Cyanoacrylate Exposure in 102 Consecutive Breast Cases
2. LiquidBand® Exceed™ Topical Skin Adhesive Instructions for Use.

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