



Put the power of
ultimate protection
in your hands

3M™ Cavilon™ Advanced Skin Protectant

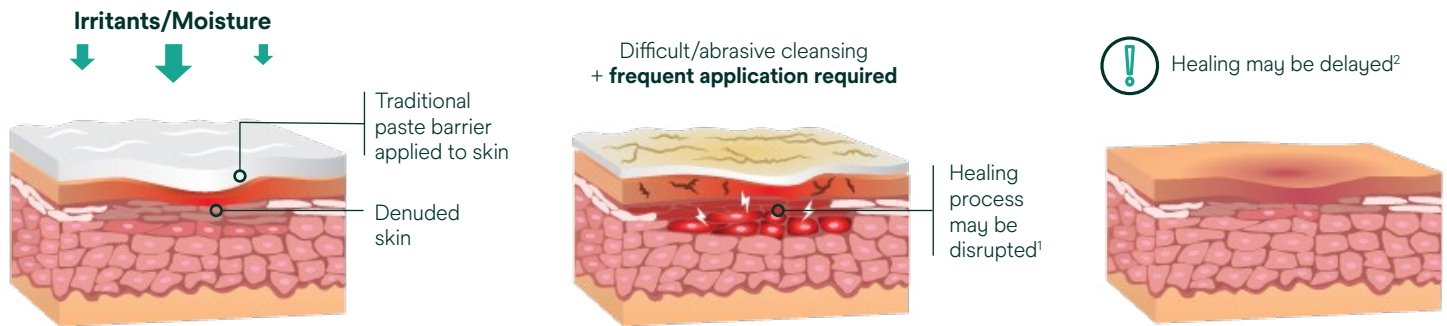
Traditional skin protectants have limitations

Moisture barrier creams, ointments and pastes have long been the standard of care for skin protection, but often these products:

- ▶ Are not effective for preventing and managing skin damage
- ▶ Don't last as long as you need them to
- ▶ Don't adhere to wet, weepy, damaged skin
- ▶ May interfere with healing
- ▶ Cause discomfort upon application, during wear and cleansing
- ▶ Don't stay in place on the skin
- ▶ Are difficult to clean and remove, and may cause additional skin damage
- ▶ Interfere with skin assessment
- ▶ Are not suitable around an ostomy or fistula

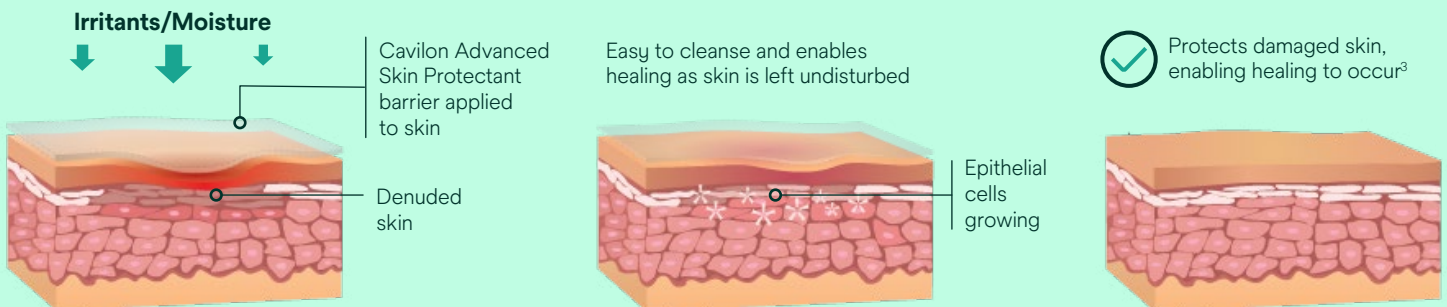
In addition to creams, ointments and pastes, pure cyanoacrylates can have limitations as well. While able to attach to a wet surface, heat is given off during drying and the surface can fracture easily, compromising protection and requiring reapplication.

How traditional protectants work



How Cavilon Advanced Skin Protectant works

 **No removal required,**
making for easier wear and care



Discover the power of 3M™ Cavilon™ Advanced Skin Protectant

3M™ Cavilon™ Advanced Skin Protectant represents a revolutionary technology for management of skin damage and protection of at-risk skin. Its formulation is unlike any other skin protectant or moisture barrier, but what makes it so different?



Unique, elastomeric polymer

The polymer forms a coating that can elongate and conform, avoiding the cracking seen with other moisture barriers. This assures greater barrier integrity, durability and protection against challenging irritants such as liquid stool and gastric fluid.



Revolutionary polymer cyanoacrylate system

The cyanoacrylate enables attachment of the skin protectant to damaged skin that is wet and weeping. Once on the skin, the protective coating creates an environment that repels irritants and supports healing and comfort.

Remember: if a moisture barrier product cannot reliably attach to the underlying skin, it's not capable of reliable protection.



Non-stinging solvent

The polymer-cyanoacrylate system is delivered onto the skin by a non-stinging solvent.

Cavilon Advanced Skin Protectant is also breathable, allowing for moisture-vapor transmission that helps keep skin comfortable. Plus, it doesn't require removal, and the surface is easily cleansed – making wear easier for patients and care easier for staff.

Treat your patients to a skin protectant that does what others can't



Attaches to wet, weepy, damaged skin¹



Provides an effective barrier, which has been shown to reduce the pain of managing IAD^{1*}



Lasts up to 7 days³



Single-use applicator reduces the potential for cross-contamination



Compatible with 3M acrylic negative pressure drapes



Compatible with 3M vascular access dressings

Save Time and Treatment Costs

With faster application times and no need for timely paste removal, Cavilon Advanced Skin Protectant can help you achieve increased efficiencies to support improved economics.⁴⁻⁷



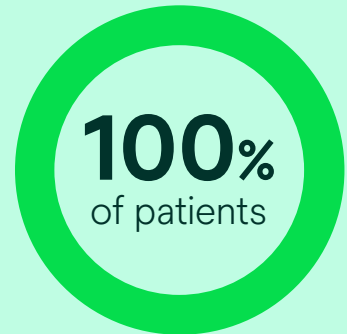
6.9 hours

Potential time savings per week



\$190

Potential cost savings per week



who reported pain associated with IAD on Day 1 (n=9) **experienced a reduction in pain** resulting from the protective barrier provided by Cavilon Advanced Skin Protectant.^{*1}

4x

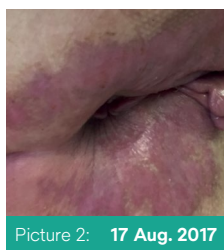
Patients with IAD are 4X more likely to experience a Health Care Acquired Sacral **Pressure Injury** than patients without.⁸

See the science of skin protection at work

Featuring revolutionary polymer-cyanoacrylate technology, Cavilon Advanced Skin Protectant is designed to help manage moderate to severe skin damage and protect at-risk skin. The ultra-thin yet highly durable barrier is able to attach to wet, weepy surfaces and create a protective environment that repels irritants and supports healing.

The results are clear

A clear improvement on traditional treatment options, Cavilon Advanced Skin Protectant uses a unique polymer-cyanoacrylate system to deliver ultimate protection and prevention – even in the most challenging circumstances.



Case: Skin damage

The first application (Picture 1) of a novel high endurance skin protectant was tender and painful, possibly contributed to the sensitive and irritated tissue. However, 12 hours after the first application the patient reported she was completely pain free and consecutive cleansing episodes were much more comfortable. After 10 days and 3 applications, it was concluded that full epithelialization had been achieved and the severe Cat 2A IAD had been healed.⁹

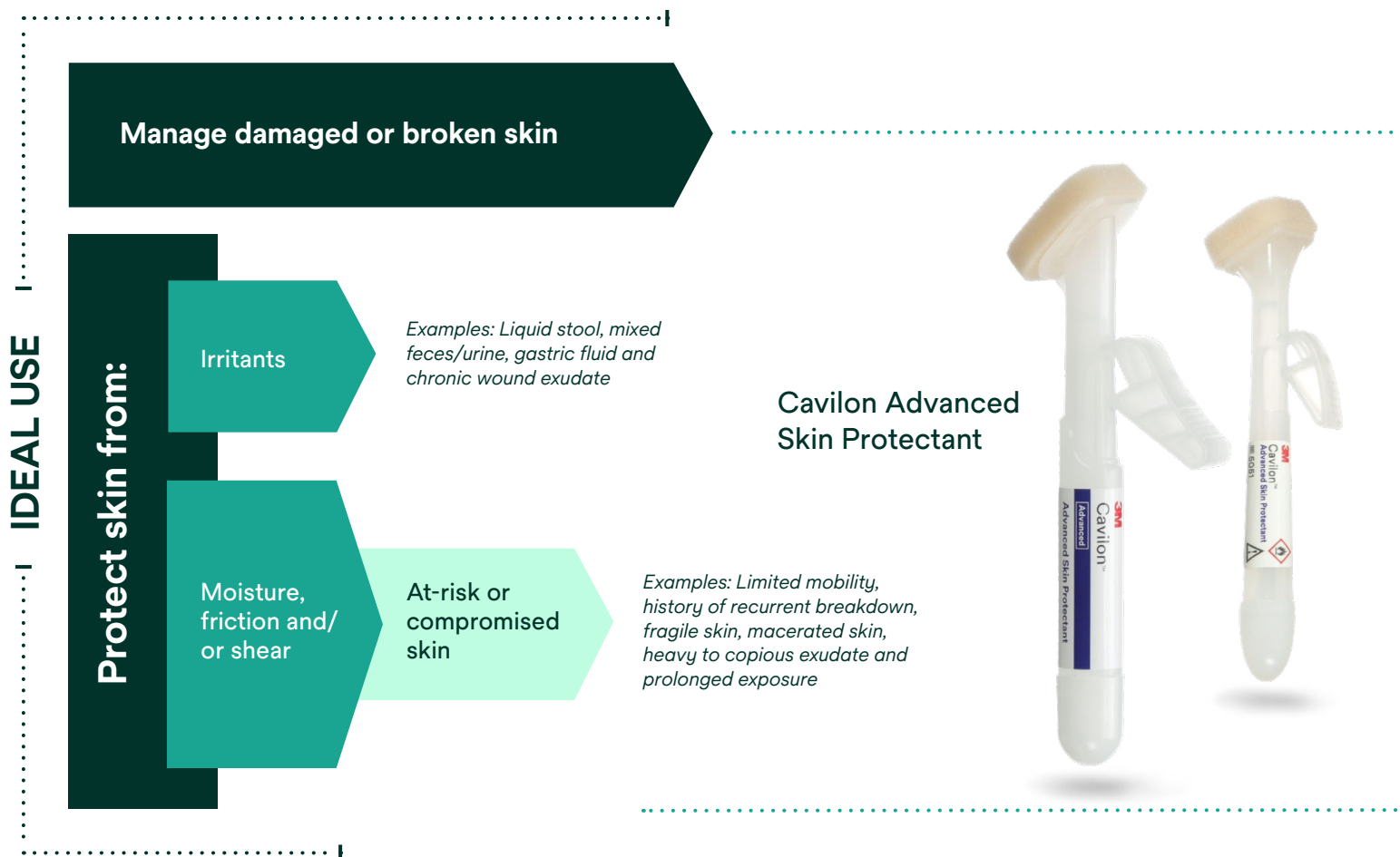
Case: High output enterocutaneous fistula

In this case the fistula was a communication between the small bowel and the skin, with a daily output of 750ml. Several days of leaking ostomy appliances resulted in a painful partial thickness lesion. The first application (Picture 1) of a novel high endurance skin protectant meant that we could use ostomy paste with alcohol to fill the cavity and the skin folds to prevent leakage without creating pain due to the alcohol on the excoriated skin. We applied the skin protectant every 2 days while changing the ostomy appliances.

Case: Leaking gastrostomy

This palliative patient had a leaking gastrostomy for several days. Despite several dressing changes a day, the irritation of the skin became larger and more painful. The first application (Picture 1) of a novel high endurance skin protectant was unpleasant for the patient. However, after 24 hours the patient was pain free. Picture 2 shows that full epithelialization was achieved after only one application despite continuous irritant exposure.

The many uses of Cavilon Advanced Skin Protectant



Ultimate protection that can effectively transform your practice


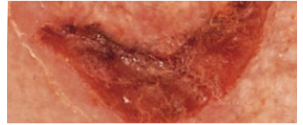
For your patients and residents, Cavilon Advanced Skin Protectant provides an effective barrier, which can help:

- Prevent skin injury and maintain skin integrity
- Protect against caustic, corrosive body fluids including liquid stool and gastric fluid
- Create an environment that supports healing
- Improve the overall healthcare experience

For you and your facility, Cavilon Advanced Skin Protectant can help:

- Eliminate the need for frequent reapplication
- Reduce the potential for the cross-contamination that's possible with traditional multi-use products
- Offer superior value in dollars spent for skin management
- Lead to improved patient and resident outcomes

Moisture-Associated Skin Damage (MASD)

Incontinence-Associated Dermatitis (IAD)	Peristomal Skin Damage	Periwound Skin Damage	Intertriginous Dermatitis (ITD)	Pressure Ulcer/Injury	Medical Adhesive-Related Skin Injury (MARSI)
					

Manage damaged or broken skin

Manage IAD	Manage peristomal/peristomal skin damage	Manage periwound skin damage (e.g. maceration), including compatibility of use under 3M acrylic negative pressure drapes	Manage superficial skin damage from moisture and friction	Manage superficial skin injury in difficult-to-dress locations	Manage superficial skin damage (e.g. stripping, skin tears) from adhesive use, including compatibility of use under vascular access dressings* <small>*Including Catheter Associated Skin Injuries (CASI)</small>
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Protect at-risk skin

Protect intact skin especially in the presence of diarrhea or mixed incontinence	Protect skin around problem fecal or urinary stomas, fistulas or tracheostomies	Protect skin around at-risk wounds (e.g. heavily draining wounds such as diabetic foot ulcers, venous leg ulcers or infected wounds)		Protect intact skin from moisture, friction or shear	
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Ordering information

3M™ Cavilon™ Advanced Skin Protectant*



Cat No	Size	Approx. Coverage	Ideal for:	Items/Box
5050	2.7 mL applicator	100 sq. in.	Protecting skin around fistula IAD prevention and management	20
5051	0.7 mL applicator	25 sq. in.	Peristomal, peri tube and periwound protection	20



*RX only. See instructions for use.

Discover all the ways Cavilon Skin Care Solutions can help you transform patient skin integrity



Scan to learn more about the family of 3M™ Cavilon™ Skin Care Solutions.

References

- Brennan, Mary R.; Milne, Catherine T.; Agrell-Kann, Marie; Ekholm, Bruce P. Clinical Evaluation of a Skin Protectant for the Management of Incontinence Associated Dermatitis: An Open-Label, Nonrandomized, Prospective Study. *J of Wound, Ostomy & Continence Nursing*. 2017. 44(2):172-180.
- Been RA et al. In vivo methods to evaluate a new skin protectant for loss of skin integrity. *Wound Repair and Regen*. 2016; 24: 851-859.
- Solventum data on file. EM-05-01 3924.
- Heidegger CP, Graf S, Perneger T, Genton L, Oshima T, Pichard C. The burden of diarrhea in the intensive care unit (ICU-BD). A survey and observational study of the caregivers' opinions and workload. *Int J Nurs Stud*. 2016 Jul;59:163-8.
- Lewis-Byers K1, Thayer D. An evaluation of two incontinence skin care protocols in a long-term care setting. *Ostomy Wound Manage*. 2002 Dec;48(12):44-51.
- Solventum. Data on file. ICH2-US-05-256617.
- Bureau of Labor Statistics. Occupational Employment Statistics for 31-1131 Nursing Assistant. (Nov 2023). Accessed on 10/31/2023 <https://www.bls.gov/oes/current/oes311131.htm>
- Gray M, Giuliano KK. (2018). Incontinence-associated dermatitis, characteristics and relationship to pressure injury: a multisite epidemiologic analysis. *Journal of Wound Ostomy & Continence Nursing*, 45(1):63-67.
- Hanssens, V. (2017). *Use of a High Endurance Elastomeric Skin Protectant to Treat Severe IAD and MASD*. University Hospital Brussels, Belgium. Poster presented at 20th Annual Meeting of European Pressure Ulcer Advisory Panel (September 12-14, 2018 Rome, Italy).



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