

MEDICAL

# FLORASEAL® MICROBIAL SEALANT

2.5 ML / 12 APPLICATORS PER BOX

ITEM: FS-250D

It is estimated that 2% to 5% of all patients who undergo surgery will develop a Surgical Site Infection (SSI). These infections are associated with added morbidity, including prolonged hospitalization by 2 weeks, 5 times the risk of readmission, an increase in average health care costs of up to \$26,000 per patient, and twice the risk of death.<sup>1</sup> FloraSeal® Microbial Sealant is a sterile, liquid microbial sealant intended for use after topical operative skin preparations, with standard surgical draping, and prior to a surgical incision. FloraSeal sealant is used to reduce the risk of skin flora contamination throughout a surgical procedure.

## LONG-LASTING MICROBIAL PROTECTION

FloraSeal sealant eliminates bacteria migration during and long after the surgical procedure. It has been shown to reduce microbial colonization within 15 minutes, maintains a low microbial colonization throughout the 24 hours after application, and mitigates microorganisms more effectively than an antimicrobial surgical incise drape alone.<sup>2</sup>

## IMMOBILIZATION CAPABILITY

FloraSeal® Microbial Sealant has been shown to immobilize bacteria in in-vitro studies with gram+ and gram- bacteria and fungi including MRSA, Staphylococcus epidermidis, Pseudomonas aeruginosa, Candida albicans, and Corynebacterium pseudodiphtheriticum, to prevent those inadvertently introduced from migrating into the incision.<sup>3</sup>

## GREATER PERMEABILITY

The proprietary formulation is designed to provide optimal Moisture Vapor Transmission Rate (MVTR), increasing moisture and oxygen transmission to the skin, without blockage, minimizing moisture build up. The high MVTR of FloraSeal microbial sealant may reduce the potential for infection by minimizing moisture build-up on skin.

## CONSISTENT FLUID BARRIER

Utilizing OctylFlex® Technology, FloraSeal Microbial Sealant is applied as a liquid, resulting in a flexible, perfectly contoured surface anywhere on the skin. Stays on skin 5-7 days.



## KEY BENEFITS



Flexible sealant



Eliminates bacteria migration during and after procedure



Allows for normal skin function

1. Towfigh, S., Cheadle, W. G., Lowry, S. F., Malangoni, M. A., & Wilson, S. E. (2008). Significant reduction in incidence of wound contamination by skin flora through use of microbial sealant. Archives of surgery (Chicago, Ill.:1960), 143(9), 885-891.  
2. Prince, D., Kohan, K., Solanki, Z., Mastej, J., Prince, D., Varughese, R., & Patel, M. (2017). Immobilization and death of bacteria by Flora Seal microbial sealant. Int J Pharm Sci Invent, 6(6), 45-49.  
3. Data on File. H.B. Fuller Medical Adhesive Technologies, LLC.

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