

# Introducing MicroGuard™ by Microban®: antimicrobial technology for PU, EVA and PVC products

ST NEOTS, CAMBRIDGESHIRE, UNITED KINGDOM, February 15, 2023 /EINPresswire.com/ -- Microban International is pleased to expand its portfolio of antimicrobial technologies with the introduction of MicroGuard™, a series of antifungal additives for PVC, PU, and EVA applications including foam. MicroGuard technology provides high antifungal efficacy and 24/7 built-in protection, preventing microbial degradation to extend the useful product lifetime.



This innovative solution from the global leader in antimicrobials is part of Microban's commitment to bringing novel technologies to market with more friendly toxicity profiles than currently available agents. MicroGuard has been developed as a non-leaching antifungal agent comprised of active ingredients that are free from metals, offering an alternative to arsenic-based OBPA – a common antifungal additive – that is causing regulatory concerns due to its ability to contaminate water sources and harm aquatic life.

Michael Ruby, President at Microban International, commented: "We are pleased to introduce MicroGuard, a metal-free technology designed to combat fungal growth on PVC products, as well as on PU and EVA foams. MicroGuard's more favourable toxicity profile is ahead of the curve in terms of shifts in the regulatory landscape concerning built-in antifungals for these goods, offering manufacturers a highly effective built-in solution to increase product durability."

MicroGuard can be seamlessly integrated into PVC, PU and EVA products at the point of manufacture, and has been designed for use in a broad range of applications. The technology can be incorporated into outdoor PVC products – roofing membranes, tarpaulin, awnings and decking – and used to treat goods manufactured from PU and EVA foams, including shoe soles, furniture cushions and mattresses.

Dr Souvik Nandi, Vice President of Technology and Innovations at Microban International, added: "MicroGuard has been carefully developed using our extensive in-house expertise to meet the diverse needs of PU, EVA and PVC manufacturers. Available in both pellet and liquid formulations, MicroGuard has global registration to offer manufacturers confidence in treating their polymer products."

The technology is available to brands and manufacturers globally, along with Microban's support and expertise. Find out more at <https://www.microban.com/antimicrobial-solutions/technologies/microguard> and get in touch with a representative today!

Microban will be exhibiting MicroGuard at the [AMI's fifth PVC Formulation](#) from February 21-22, 2023, where Mai Ha, Senior Product Development Engineer at Microban International, will be discussing how the next generation of PVC antimicrobials is creating a cleaner future. Microban will also be showcasing MicroGuard at booth 8725 in exhibit halls A-E at the [International Roofing Expo \(IRE\)](#) March 7-9, 2023.

#### About Microban International

Part of Barr Brands International (BBI), Microban International is home to the most trusted and well-known global brands in the antimicrobial, odour control, and sanitisation / disinfection markets – Microban® and Ultra-Fresh®. Our organisation has experienced over 100 collective years of growth and has revolutionised the industry. As the global leader, our proactive systems keep products cleaner, and control odours better by preventing problems before they start. Microban International drives innovation by combining science and creative solutions that enhance high-quality consumer, textile, industrial and medical products around the world. Today, the Microban and Ultra-Fresh brands and our technologies are featured on thousands of products worldwide. The company is headquartered in North Carolina with operations in North America, Europe, and Asia Pacific. For more information, please visit [www.microban.com](http://www.microban.com).

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