



Biovation Announces Antimicrobial Treatments for Upholstery Used in Medical and Healthcare Settings

Customized silver antimicrobial formulations for upholstery textiles used in healthcare settings reduce the spread of pathogenic bacteria, and are safe and effective for infection and odor control

BOOTHBAY, ME – February 14, 2011 – Biovation LLC, a manufacturer of antimicrobial formulations and non-woven fiber products for food packaging and wound care, announces it has developed a line of cost-effective antibacterial and antimicrobial textile treatments for upholstery used in the healthcare marketplace. Biovation’s silver formulation acts as a broad-spectrum biocide for medical upholstery textiles, functioning as an odor control agent and reducing the risk of transmitting infection between patients and staff by preventing bacteria and fungi from thriving in or on fibers and textile surfaces.

“The growth of drug-resistant strains of bacteria is creating an enormous challenge for healthcare facilities, and textiles are known to harbor bacteria and fungi,” says Kerem Durdag, CEO, Biovation. “Our custom blended silver-based antimicrobial formulation for the upholstery sector prevents bacteria from thriving, provides odor control, and imparts reduction of the risk of transmitting infection on the textile surface.”

Silver is recognized as safe and effective by the FDA and EPA for infection and odor control, yet it requires specialized formulations to ensure the textile treatments are cost effective and able to attain application-centric customized performance levels. Biovation’s controlled-release product solution reacts to local conditions to maintain a low but specific concentration of silver ions for extended periods. The clear and flexible surface coating on each fiber or polymer additive within the fibers maintains a safe equilibrium on the fiber surface with the potency to prevent bacteria growth. This multi-release, multi-component formulation is durable and maintains effectiveness for the life of the treated article.

As part of its technology and product suite, Biovation formulates customized solutions for OEM’s targeted applications using a variety of antimicrobial platforms available in the commercial market. Biovation works closely with each OEM partner to determine performance and application requirements, and uses that information to guide the integration of the formulation into the manufacturing process and supply chain. Biovation tests each product platform for efficacy using industry test protocols in approved labs, and shares the data with OEM partners.



About Biovation LLC

Biovation is a technology design and manufacturing company that manufactures non-woven fiber products with antimicrobial properties for food packaging, wound care, and custom OEM applications for consumer and institutional markets. Biovation has extensive experience with green sources such as polylactic acid, which comes from cornstarch and is completely biodegradable. Biovation's infection control chemistries are available coated on non-woven fibers, or as a stand-alone product for partners' proprietary materials. For more information, call +1 207.633.0616 or visit <http://www.biovation.com>.

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