



Biovation's Fresh Produce Pad Earns USDA BioPreferred Label in Packaging Material Category

Food packaging pad made from non-woven polylactic acid meltblown fiber is degradable, and includes antimicrobial chemistry that mitigates food-borne pathogens

BOOTHBAY, ME – August 16, 2011 – Biovation LLC, a manufacturer of antimicrobial formulations and non-woven fiber products for food packaging and wound care, announces that its fresh produce pad has earned the BioPreferred label from the USDA in its Packaging Materials category. The USDA label assures consumers that a product or package contains a verified amount of renewable biological ingredients. Biovation's pad is the first food packaging pad product to be certified in the Packaging Materials category, and is among the first products developed in Maine to earn BioPreferred status. Instead of petroleum-based materials, the pad uses polylactic acid (PLA), which is derived from cornstarch. It is all natural, biodegradable, compostable, bio-absorbable, and non-toxic. When used in food-packaging materials, the pad's antimicrobial chemistry mitigates the proliferation of food-borne pathogen such as e-coli and listeria.

"Earning the BioPreferred label is a real differentiator for Biovation, as it provides an independent, objective stamp of approval for our food packaging pad," says Kerem Durdag, CEO of Biovation. "The food industry is eager use more sustainable, bio-based materials, and this certification validates our fresh produce pad as a 'green' option."

The label also is a milestone for the Sustainable Bioplastics Council of Maine, as Biovation is its first member to receive the BioPreferred label for one of its products. The trade association is dedicated to building Maine's emerging industry of plastic products that are non-toxic, petroleum-free and bio-compostable.

"Biovation continues to be a leader nationally and in Maine in producing bio-based products," says Lauralee Raymond from the Sustainable Bioplastics Council of Maine. "The Sustainable Bioplastics Council of Maine realizes the rapidly growing market demand for bio-based products as a substitute for petroleum, and Biovation is demonstrating the business opportunities to meet that demand."

Biovation is the only manufacturer with a targeted PLA-based "green and sustainable" biopolymer non-woven product line suite with antimicrobial chemistry manufactured in the USA. The company is focused on three scalable market sectors: consumer and institutional formulations, food packaging, and advanced wound care. Biovation's fresh



produce pad uses a non-woven PLA meltblown fiber technology to create a super absorbent pad with very high surface area. It incorporates EPA- and FDA-approved antimicrobial chemistry based on silver-ion technology to inhibit bacterial growth. Food packaging customers use the pad as a fully integrated, multipurpose, food preservation technology platform. It is all natural, biodegradable, compostable, bio-absorbable, and non-toxic. For use in fresh produce packaging, the pad controls and mitigates food borne pathogens that come in contact with it while also absorbing the excess fluid in the food package container.

For more information about the USDA's BioPreferred program, visit <http://www.biopreferred.gov>

About Biovation LLC

Biovation is a high-tech manufacturing company providing non-woven fiber products with antimicrobial properties for food packaging, wound care, and custom OEM applications. Biovation has extensive experience with bioplastic polymers such as polylactic acid, which comes from cornstarch and is completely biodegradable. Biovation's infection control chemistries also are available for coating on fibers, for textiles, or as stand-alone products for proprietary applications. For more information, call +1 207.633.0616 or visit <http://www.biovation.com>.

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