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HSMG® RECEIVES BfR APPROVAL FOR THE USE OF PROTĒAN® IN PAPER-BASED FOOD PACKAGING

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New York, NY – HSMG® LLC, owned by Greentech Global Pte. Ltd.™, a company that develops and licenses additive and barrier coating technologies, received approval for use of PROTĒAN® in paper-based food packaging from the German Federal Institute for Risk Assessment (BfR), a scientifically independent institution within the portfolio of the Federal Ministry of Food and Agriculture (BMEL) in Germany. HSMG has distinguished itself as a leader in bio-based solutions with the additional approval for paper and board for food contact under BfR XXXVI, as B.I. Sizing agents and C. IV. Surface refining and coating agents.

“COVID has placed a tremendous demand for single-use containers. We have been working with companies in the Americas, Asia and Europe to accelerate the implementation of their bio-based solutions so that the war against the virus does not end up being a war against our planet,” said Samuel Mikail, Founder and Chairman of HSMG. “In addition to FDA approval for food-contact, we now have BfR approval so we can continue to increase our impact in the European market by providing European food packaging manufacturers with a viable and practical alternative to fossil-based materials.”

PROTĒAN formulations can be water, oil and grease resistant and are based on a fluorine-free technology that is adaptable by commercial mills utilizing existing manufacturing capabilities. The versatile solution is designed to scale for use in various single use paper-based food packaging applications such as paper cups, paper straws, fast food containers, molded pulp items, etc. The company received the Notice of Allowance from the U.S. Patent and Trademark Office (USPTO) earlier in June.

The material was approved by The US Federal Food and Drug Administration (FDA) under 21 CFR 176.170 for food contact. PROTĒAN formulations can be recyclable and biodegradable. The technology also maintains BPI Certification for composting under CERT# 10528940 as it contains zero fluorinated chemicals.

About HSMG® LLC

HSMG® LLC is the eco-tech operation of Greentech Global Pte. Ltd.™. We develop and license our patented additive and barrier coating platform technology, PROTĒAN®, to pulp, paper and packaging manufacturers and specialty chemical companies. The formulations offer water-resistant and/or oil and grease-resistant alternatives to plastic coatings and fluorochemicals in a broad range of cellulose-based single use products. PROTĒAN is FDA-approved for food contact and BPI certifiable for composting. Formulations made with this platform technology can be recyclable, biodegradable and compostable. To learn more, please visit: www.hsmgrp.com

Contacts

HSMG Contact- info@hsmgrp.com