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Greendot Biopak expands bio-based, compostable packaging solutions

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By **Sanjiv Das** | April 14, 2026



Greendot Biopack

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Ahmedabad-based Greendot Biopak, a globally recognised material science company in the sustainable packaging space, is strengthening its focus on 100 per cent bio-based and home compostable aqueous barrier coating and coated paper and paperboard packaging solutions for India and global foodservice markets. The company is deepening its work in this area as brands, converters and foodservice businesses look for alternatives to conventional single-use plastic products and disposables that can better meet evolving performance, sustainability and

regulatory requirements.

Europe’s regulatory direction is adding further momentum. The Single-Use Plastics Directive (SUPD) has accelerated the move away from paper and board products that use synthetic polymer linings for grease and moisture resistance. At the same time, proposed revisions to the Packaging and Packaging Waste Directive (PPWD) seek to ensure that all packaging on the European Union market is reusable or recyclable in an economically viable way by 2030. For Indian exporters, food brands and packaging companies serving international customers, these developments are increasingly shaping material choices and product strategies.

Greendot Biopak’s coating solutions are developed entirely from renewable, bio-based raw materials and are designed to add barrier performance to paper and paperboard substrates. The company has developed a groundbreaking 100 per cent biobased coating used in takeaway boxes, wraps, trays, cups, pouches and other single-use foodservice and packaging applications. The coating solutions are compliant with EN 13432 and IS/ISO 17088 and are designed to support home compostability requirements.

Greendot Biopak’s coated solutions deliver oil and grease resistance in the 14–16 Kit range, heat sealability between 80°C and 160°C, and high repulpability.

“Packaging requirements are changing rapidly, especially in food delivery, QSR and packaged food,” said Rajen Bhagyoday, Founder, Greendot Biopak. “Brands today need solutions that can deliver barrier performance and food safety while staying aligned with the direction of global regulation. Under SUPD, any synthetic polymer that forms a separate layer may come within the scope of restriction, regardless of biodegradability claims. This is why the focus has been on pioneering compostable aqueous barrier coating technologies based on 100 per cent biobased natural, unmodified plant polymers."

Read online: https://nuffoodsspectrum.in/news/30/23331/greendot-biopak-expands-bio-based-compostable-packaging-solutions.html

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