

Biosuccinium® - Unlocking the Bio-Based Polymers of Tomorrow

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Reverdia's Biosuccinium® continues to create opportunities for modern polymers across different markets. These applications include packaging, footwear, coatings, electronics and more.

Reverdia took its application co-development to a new level in 2016 with a number of announced partnerships. Reverdia and Dezhou Xinhuarun Technology (Xinhuarun) signed an agreement to jointly develop and promote Biosuccinium®-based microcellular PU foams. Xinhuarun will now work exclusively with Reverdia for its microcellular PU foams in shoe soles.

Mäder, a leading producer of paints and coatings based in France, has launched a range of alkyd paints based on a combination of Reverdia's Biosuccinium® and Roquette's isosorbide. Commercialised under the brand CAMI, the CADÉLI range 98% is bio-based, offers additional functionalities and responds to growing consumer demand for safe and environmentally friendly products with a lower carbon footprint.

These new paints are EU Ecolabel certified and have key physical properties, such as hardness and scratch resistance. The range includes:

- CADÉLI Anti-Microbial interior paint
- CADÉLI Depolluting (anti-formaldehyde) interior paint

Biosuccinium® also continues to demonstrate opportunities for both durable and biodegradable packaging. Earlier this year, Reverdia and Wageningen UR Food & Biobased Research launched a joint development programme on bio-based PBS (polybutylene succinate) compounds for injection moulding. These compounds can be used in reusable horticultural crates and rigid food packaging with hinges. Reverdia is also exploring applications for biodegradable packaging as a lead partner of the ADMIT Bio-SuccInnovate Consortium.

Going forward, Reverdia will continue to further promote its business model of open innovation and cooperation. This approach will help to create capacity for bio-based building blocks as manufacturers test new materials, ensuring that brands and therefore consumers have access to cutting-edge polymers.