

With DYNACOLL® eCO, Evonik introduces more sustainable polyesters for the adhesives industry

- Supporting defossilization and decarbonization goals of hot-melt adhesive manufacturers and users
- Identical properties to fossil-based reference products (drop-in solution)
- No technical requalification required when replacing existing adhesive formulations

Marl, Germany. With its launch of DYNACOLL® eCO polyesters, Evonik is contributing to the transition from fossil to renewable resources, for which its Coating & Adhesive Resins business line is pursuing the mass balance approach. The new line of polyesters enables cost-effective and rapid change of production on a large scale, helping to meet Evonik's environmental and sustainability targets.

With the new product range, Evonik is addressing the increasing market demand for sustainable products. "Our customers are looking for quick and easy solutions for defossilization and decarbonization. Our DYNACOLL® eCO products enable our customers to reach their targets and strengthen the circular economy," explains Thorsten Marin, vice president of polyesters & polyolefins. "With this product launch, we are expanding our sustainable product portfolio while contributing to Evonik's sustainability goals."

DYNACOLL® eCO features identical physical and chemical properties as compared with the traditional DYNACOLL® product portfolio. "Our customers do not have to carry out any additional evaluation, nor do they have to adjust their formulations. Customers who buy mass-balanced products can use them in the traditional way and benefit from the same quality," says Dr. Zuhal Tuncay, global senior marketing manager for polyesters.

Since December 2022, the DYNACOLL® production facilities in Marl and Witten have been certified by the ISCC organization to operate under the ISCC PLUS certification scheme based on the

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Main press contact

Moritz Bönte

Head of Market Communications
Coating & Adhesive Resins
Phone +49 152 09 26 92 89
moritz.boente@evonik.com

Alternative press contact

Nina Peck

Head of Market Communications
Smart Materials
Phone +49 201 177-2223
nina.peck@evonik.com

Evonik Industries AG

Rellinghauser Straße 1-11
45128 Essen
Germany
Phone +49 201 177-01
www.evonik.com

Supervisory Board

Bernd Tönjes, Chairman
Executive Board
Christian Kullmann, Chairman
Dr. Harald Schwager, Deputy Chairman
Thomas Wessel, Ute Wolf

Registered Office is Essen
Register Court Essen Local Court
Commercial Registry B 19474

mass balance approach. This certification ensures full traceability of the sustainable materials used in Evonik's production plants and confirms that the raw materials used originate from sustainable sources. In addition to strict sustainability principles, high ecological standards and social responsibility are also guaranteed.

DYNACOLL® products are well established polyester polyols and copolyesters for hot-melt adhesives used, for example, in wood working, automotive, and textile applications. The brand has been well recognized for its high quality for decades.

Visit us at the European Coating Show from March 28–30 in Nuremberg. You can find us in hall 3C at booth 426.

Company information

Evonik is one of the world leaders in specialty chemicals. The company is active in more than 100 countries around the world and generated sales of €18.5 billion and an operating profit (adjusted EBITDA) of €2.49 billion in 2022. Evonik goes far beyond chemistry to create innovative, profitable, and sustainable solutions for customers. About 34,000 employees work together for a common purpose: We want to improve life today and tomorrow.

About Smart Materials

The Smart Materials division includes businesses with innovative materials that enable resource-saving solutions and replace conventional materials. They are the smart answer to the major challenges of our time: environment, energy efficiency, urbanization, mobility and health. The Smart Materials division generated sales of €4.83 billion in 2022 with about 7,900 employees.

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