

## Evonik launches sustainable liquid polybutadienes with POLYVEST® eCO

22 June 2022

- ISCC certification proves reduction of up to 99.9% of fossil raw materials
- Thanks to exact same quality, no implementation effort for customers
- Application as raw material for adhesives and sealants or as a liquid rubber additive in tire production

**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

**Marl, Germany.** With POLYVEST® eCO, Evonik's Coating & Adhesive Resins business line has launched a new range of sustainable liquid polybutadienes. The use of sustainably produced butadiene in the manufacture of this innovative product line has been shown to reduce the use of fossil raw materials by up to 99.9%.

With the POLYVEST® eCO range, Evonik is meeting the needs of an increasingly sustainable market: "The demand for efficient and environmentally friendly products is constantly increasing," explains Dr. Jürgen Herwig, who is responsible for the POLYVEST® business together with his team. "With the development of POLYVEST® eCO, we are supporting the transition to a circular and bioeconomy."

In their final form, the POLYVEST® eCO products have identical physiochemical properties to the fossil-based products. "The biggest advantage for our customers is that it is not necessary to adapt their existing formulations," says Dr. Sara Liébana Viñas, Head of Technical Marketing for Reactive Sealants. "There is almost no easier way for our customers to reduce CO<sub>2</sub> emissions."

The POLYVEST® production facility in Marl had already received ISCC PLUS certifications at the beginning of the year. This means that they are certified on the basis of the mass balance approach. This ensures stringent sustainability principles such as social responsibility and high environmental standards.

POLYVEST® eCO is used as a raw material for adhesives and sealants in the automotive, electronics, and construction

**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

industries. In addition, it can be used as a rubber additive in tire production.

#### **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 €15 billion and an operating profit (adjusted EBITDA) of €2.38 billion in 2021. Evonik goes far beyond chemistry to create innovative, profitable and sustainable solutions for customers. About 33,000 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 €3.92 billion in 2021 with about 7,900 employees.

#### **Disclaimer**

In so far as forecasts or expectations are expressed in this press release or where our statements concern the future, these forecasts, expectations or statements may involve known or unknown risks and uncertainties. Actual results or developments may vary, depending on changes in the operating environment. Neither Evonik Industries AG nor its group companies assume an obligation to update the forecasts, expectations or statements contained in this release.