Press release

Evonik launches first renewable isophorone-based products

1st March 2022

Main press contact
Carolin Wolf
Head of Market Communications
Crosslinkers Business Line
Phone + 49 2365 49-9011
carolin.wolf@evonik.com

Alternative press contact
Katja Marx
Head of Division Communications
Specialty Additives
Phone +49 6181 59-13831
katja.marx@evonik.com

- New eCO series helps to reduce CO_2 emissions and enables more sustainable solvents, composites and coatings
- Independently certified mass balance accounting allows for cost efficient production process
- Drop-in solutions deliver the same exceptional product performance with no requirement for new product approvals

Marl/Essen, Germany. Since inventing isophorone chemistry during its search for new ways to reuse acetone, Evonik has continued to develop a variety of isophorone-based products at its plants across the globe. Now, sixty years later Evonik has made another important breakthrough for the chemical industry: the world's first sustainable isophorone products made from 100% renewable acetone.

By using renewable acetone Evonik is now offering isophorone-based products with significantly lower CO_2 footprint across all stages of the isophorone production chain. The new eCO products are available under the Evonik Crosslinkers well-known brand families; VESTASOL® IP eCO for isophorone, VESTAMIN® IPD eCO for isophorone diamine, and VESTANAT® IPDI eCO for isophorone diisocyanate. Further downstream products will be launched in line with future market demand.

"These latest renewable solutions are helping our customers to address today's sustainability and environmental regulation challenges, plus our hard work is also paying off by opening up exciting new business opportunities for us," said Christian Schmidt, Head of Evonik Crosslinkers business line.

Chemically identical to their fossil-based counterparts, Evonik's new eCO series products have the same characteristics in terms of processing, formulation, and performance. In comparison to conventional isophorone products the new eCO products can help the industry to significantly reduce its Global Warming Potential

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

(GWP) and CO_2 footprint. For example, VESTANAT® IPDI eCO contains 75% renewable carbon per mass balance.

"The new VESTA eCO series is the first step on our journey to climate neutrality. As a next step, we will release an updated Life Cycle Analysis for our complete range/portfolio of I-Chain products during 2022, thus offering our customers reliable information on carbon footprints to give them a clear picture of their reduction options" continued Christian Schmidt.

'Mass Balance' is an accounting principle that matches inputs with outputs from production process. Accounting ensures that sustainable end products match to the amount of renewable acetone purchased. The entire processes will be audited and certified by an independent body, namely the internationally recognized ISCC and REDCert standards to verify the use of renewable resources across all stages of production.

Based on strict bookkeeping and external auditing, the mass balance approach allows Evonik to adopt large-scale production and provide cost-effective solutions for its customers, while keeping track of each renewable molecule used.

Due to their mechanical strength, durability, chemical resistance, excellent adhesion and low CO_2 emissions, the new VESTA eCO grades are designed to be used as sustainable raw materials in the production of paints, lacquers and binders for modern coating systems. They are also suitable for high-performance composite materials like rotor blades for wind turbines or in automotive interiors to produce higher quality instrument panels and trims as well as the latest chemical synthesis technologies.

For more detailed information and pictures about the new eCO series please visit **evonik.com/vesta-eco**

About Evonik
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 €13.1 billion and an operating profit (adjusted EBITDA) of €2.15 billion in 2019. Evonik goes far beyond chemistry to create innovative, profitable and sustainable

solutions for customers. More than 32,000 employees work together for a common purpose: We want to improve life today and tomorrow.

About Specialty Additives
The Specialty Additives division combines the businesses of versatile additives and high-performance crosslinkers. They make end products more valuable, more durable, save more energy and simply better. As formulation experts in fast growing markets such as coatings, mobility, infrastructure and consumer goods, Specialty Additives combines a small amount with a big effect. With its 3,700 employees the division generated sales of €3.23 billion in 2020.

About Crosslinkers
The Crosslinkers Business Line offers a broad range of products and competences for coatings and adhesives, as well as for high-performance elastomers and composites. Besides products based on isophorone chemistry the portfolio contains a full toolbox of amine curing agents for ambient and heat cure applications. The products are mainly used in industrial applications due to the mechanical strength, durability, chemical resistance and excellent adhesion properties.
www.evonik.com/crosslinkers

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.