

**Evonik received the 2019 Ringier Coating Technology Innovation Award for TEGO® Dispers 689**

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Evonik has received the 2019 Ringier Coating Technology Innovation Award for its TEGO® Dispers 689, a new dispersant specially designed for the wetting and dispersing of matting agents in solvent free coatings. It is the fifth consecutive year that Evonik has received this recognition.

The increasing stringent environmental regulations are urging the demand for high-value, eco-friendly coatings. 100% UV coatings are known for their eco-friendly properties, releasing no volatile organic compounds (VOC). Low gloss, high transparency, 100% solvent free UV coatings is one of the fastest growing technologies for its fast curing speed, short circle time, improved manufacturing efficiency, and film property, and it's highly recommended for semi-gloss and matt coating applications such as wood coatings for floor and furniture.

However, matting of UV coating is still quite challenging. In 100% UV system, a large amount of matting agent needs to be added in the formulation, the wetting and dispersing performance is critical as it's difficult to make the balance between the acceptable viscosity and the targeted gloss level and desired film properties.

TEGO® Dispers 689, launched in 2018, is a high molecular weight dispersant for solvent free UV Matting system. It is 100% active matt content liquid providing excellent wetting, reduced viscosity and anti-sedimentation properties for matting agents. It is especially suitable for untreated matting agents that have good transparency but high sedimentation tendency.

Because of its excellent anti-sedimentation property, it allows users to lessen or eliminate the use of anti-sedimentation additives in their formulation - which is advantageous to the development of highly transparent matte coatings. Appearance of the coating with this tailor-made additive can offer a sensation of high quality matting surfaces.

“We are honored to again receive this award in recognition of our long term commitment to the advancement of coating industry through our innovative product solutions,” said Wei Yin, Vice President, Evonik Coating Additives Asia Pacific, “The stricter legislation creates opportunities for innovation and enhancement in UV matting technology. The award-winning TEGO® Dispers 689 is a perfect example to demonstrate our ability to drive innovative solutions to help formulators address the formulation challenges by leveraging our global and regional R&D network and decades of experiences in waterborne coating additive solutions.”

The Ringier Technology Innovation Awards recognize those who have made significant contributions for the advancement of the industry through technical innovation, improved productivity, economic efficiency and market opportunity creation. Ringier Technology Innovation Awards are regarded as one of the most important awards in China’s coatings industry.

#### **Company information**

Evonik is one of the world leaders in specialty chemicals. The focus on more specialty businesses, customer-orientated innovative prowess and a trustful and performance-oriented corporate culture form the heart of Evonik’s corporate strategy. They are the lever for profitable growth and a sustained increase in the value of the company. Evonik benefits specifically from its customer proximity and leading market positions. Evonik is active in over 100 countries around the world with more than 36,000 employees. In fiscal 2017, the enterprise generated sales of €14.4 billion and an operating profit (adjusted EBITDA) of €2.36 billion.

Evonik’s international activities are organized into six regions. The Asia Pacific North region is headquartered in Shanghai. Sales in Asia Pacific North reached 2,158 million euros in 2017. Evonik regards China as one of the driving forces of the global economy and we consequently endeavor to grow our business here. The company now employs about 3,000 employees and has in total of 10 production sites in China.

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