

Evonik launches new TEGO® Rad 2550 slip and defoamer additive for radiation-curing inks and coatings

- Very strong slip and scratch resistance with good release at low dosage
- Excellent defoaming and hydrophobicity
- For traditional UV as well as UV-LED curing

Essen, Germany. Evonik's Coating Additives business line is expanding its TEGO® Rad range of tailored silicone acrylates with a new radically crosslinkable defoaming slip additive.

The new TEGO® Rad 2550 is a clear, low viscosity liquid that effectively reduces static and dynamic surface tension in both conventional UV- and LED-cured formulations.

Key attributes include low coefficient of friction (COF), high scratch resistance, good defoaming and the ability to create hydrophobic surfaces.

“Due to its unique property profile, TEGO® Rad 2550 is truly an excellent additive for the formulation of matte coatings, pigmented inks, and roller-applied wood top-coats,” says Courtney Thurau, Head of Evonik’s Global Market Segment for Printing Inks.

Acrylated products are the coating industry’s first choice for minimizing migration and obtaining very pronounced, long-lasting effects. TEGO® Rad 2550 is just one of the latest products in Evonik’s TEGO® Rad portfolio of silicone acrylates that offer formulators a complete toolbox of solutions to ensure top performance in paints and coatings. These additives for radiation-curing inks and coatings can improve the flow and leveling and optical appearance, prevent cratering, and allow formulators to create products with the desired level of slip and flow. Choosing TEGO® Rad products with a higher or lower number will result in a different level of slip and compatibility, giving customers more precision in their formulations.

6 June 2023

Main press contact

Fabian Schwane

Head of Market Communications
Coating Additives
Phone + 49 172 2133935
fabian.schwane@evonik.com

Alternative press contact

Katja Marx

Head of Market Communications
Specialty Additives
Phone +49 6181 59-13831
katja.marx@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
Maike Schuh, Thomas Wessel

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

“TEGO® Rad products offer tailored, cross-linkable performance. For inks and coatings formulators, this means great long-term effectiveness in the final product, high resource-efficiency and a sustainable solution compared to alternative technologies,” says Courtney Thureau.

Evonik’s Coating Additives business line has a comprehensive portfolio for radiation-curing inks as well as a wide range of products to enhance high-performing formulations in the automotive, architectural, decorative, marine and other industries.

For more information please visit www.coating-additives.com

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 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 3,800 employees the division generated sales of €4.18 billion in 2022.

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.