

New ink defoamers: Broader choice than ever before

18 August 2021

- Can be used for many applications, including food packaging
- High defoaming power, high compatibility

Essen, Germany. It is impossible to find a single additive – such as a defoamer – that works in all applications. There can be, however, an additive that is the best for a specific application. Evonik's Coating Additives business line now has three siloxane-based defoamer concentrates in its portfolio, each with different properties and advantages. Formulators have the choice of which additive best suits their waterborne paint or overprint varnish.

The newest member of this defoamer family is called TEGO® Foamex 811; it is positioned directly between the two existing products TEGO® Foamex 812 and 852. TEGO® Foamex 812 is particularly effective in preventing foam, Foamex 852 is particularly compatible, and the new TEGO® Foamex 811 offers a very good combination of these properties.

"Defoaming power and compatibility are both at a high level," explains Susanne Struck, head of Printing Inks Application Technology. "This makes our new defoamer suitable for a very wide range of applications in the printing inks industry."

TEGO® Foamex 811 also demonstrates its universal application possibilities when incorporated into the formulation: It performs equally as well in the grinding stage as well as the let-down phase. Thanks to the different product properties of the three defoamers, formulators can select the best possible product from the portfolio depending on their requirements.

All three defoamers can be used for food contact packaging. They contain no solvents, biocides or mineral oils and meet the requirements of the many regulations, such as Swiss Ordinance (List A), FDA, and other regional regulations.

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While food contact and non-food contact packaging are the main applications, the defoamer trio is also suitable for other applications such as inkjet inks, tissue, and décor and wallpaper inks.

Technical, regulatory and safety data sheets can be found at www.coatino.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 €12.2 billion and an operating profit (adjusted EBITDA) of €1.91 billion in 2020. 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 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.

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