

Superwetting surfactants with good foam control properties

March 6, 2019

With consumer awareness of environmental protection on the rise, the demands for eco-friendly coatings are increasing. Designed to maximize wetting of difficult-to-wet substrates for a wide range of aqueous formulations, Evonik Resource Efficiency GmbH introduces the superwetters DYNOL™ 960 and DYNOL™ 980 at the European Coatings Show.

Contact specialized press

Thomas Lange

Coating Additives

Phone +49 201 173-3050

thomas.lange2@evonik.com

Superwetters are substrate wetting agents that are highly efficient at reducing surface tension, which solves multiple problems at once. This multi-functional characteristic helps formulators develop high-performance coatings and reduce the complexity of their formulations.

The superwetting surfactants DYNOL™ 960 and DYNOL™ 980 are based on unique siloxane chemistry. Offering superior equilibrium and dynamic surface tension reduction, the DYNOL™ 900 series plays a decisive role in achieving high-quality coatings under certain application techniques such as air-assisted or airless spray applied coatings and inkjet inks. Additionally, the DYNOL™ 980 surfactant provides better foam control than traditional siloxane surfactants, making it the product of choice for applications where foam cannot be tolerated. Because of their unique chemistry, the DYNOL™ 900 series also provides flow and leveling properties, and helps in eliminating marks left by brushes or rollers.

DYNOL™ 960 and DYNOL™ 980 provide exceptional performance in high-quality waterborne wood coatings. DYNOL™ 980 works to smooth the surface of the spray-applied coating, helps wetting the pores of the wood, and leaves no surface defects and no foam. Both products are suitable for automotive, industrial, or inks applications.

Evonik Resource Efficiency GmbH

Rellinghauser Straße 1-11

45128 Essen

Phone +49 201 177-01

Fax +49 201 177-3475

www.evonik.com

Supervisory Board

Dr. Harald Schwager, Chairman

Executive Board

Dr. Claus Rettig, Chairman

Dr. Johannes Ohmer,

Simone Hildmann,

Alexandra Schwarz

Registered Office: Essen

Register Court: Essen Local Court

Commercial Registry B 25783

VAT ID no. DE 815528487

Please visit us at the European Coatings Show, March 19 – 21, 2019 in Nuremberg: Hall 7A, Booth 323.

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

Company information

Evonik is one of the world leaders in specialty chemicals. The focus on more specialty businesses, customer-oriented 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 2018, the enterprise generated sales of €15 billion and an operating profit (adjusted EBITDA) of €2.6 billion.

About Resource Efficiency

The Resource Efficiency segment is led by Evonik Resource Efficiency GmbH and produces high performance materials and specialty additives for environmentally friendly as well as energy-efficient systems to the automotive, paints & coatings, adhesives, construction, and many other industries. This segment employed about 10,000 employees, and generated sales of around €5.7 billion in 2018.

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.