



News Release

Ashland highlights solutions to enhance the performance of rheology and defoaming for waterborne coatings during ChinaCoat 2018

Guangzhou, China, December 4, 2018 - As China continues to balance modernization with environmental stewardship, the demand is growing for high-performance waterborne industrial coatings. Ashland, with a portfolio of premium coating additives, is committed to helping the industry solve the most demanding waterborne problems.

Ashland will highlight the following solutions for waterborne coatings during ChinaCoat, which runs Dec. 4-6.

Natrosol™ Plus 330 Modified Hydroxyethylcellulose for Viscosity and Sag Resistance

Cosolvents are one of the major raw materials in waterborne industrial coating formulations. Natrosol Plus 330 HEC, unlike many other associative thickeners, is not negatively affected by commonly used cosolvents. This unique thickener imparts stable viscosity and superior sag resistance in waterborne industrial coatings, especially two-component epoxy systems.

Aquaflow™ Rheology Modifiers

Associative thickener is a major thickening method for waterborne industrial coating formulations. Aquaflow rheology modifiers are nonionic synthetic associative thickeners. The Aquaflow rheology modifier product line delivers a precise balance of leveling with sag resistance. In addition, Aquaflow rheology modifiers can enhance the atomization of spray-applied coatings, leading to improved surface smoothness and fewer entrained bubbles.

Drewplus™ defoamers for microfoam control

One of the major formulation challenges for waterborne industrial coatings is foam control, especially for thick-film systems that are rapidly dried. Drewplus defoamers are specifically designed to control microbubbles during the spray process. The result is a more durable, smoother dried film.

"For more than six decades, Ashland has delivered technical solutions to leading manufacturers of paints and coatings. Today, China is the world's largest coatings market," said Chris Brown, vice president, Coatings. "Ashland will continue our long-term investment in the Asia Pacific region, including the development of new solutions for waterborne formulating challenges.

"China introduced many regulations to protect the environment, and their implementation are getting stricter and stricter, pushing coatings industry to adopt

environment friendly technologies," said William Zhao, general manager, Ashland Specialty Ingredients, Greater China. "Replacing solvent-borne coatings with high-performance waterborne alternatives offers many advantages, including reduced solvent exposure and less hazardous waste disposal. Ashland solutions can help enhance the rheological and defoaming performance of waterborne coatings. Our solvers are committed to creating chemistries that enhance performance efficiency and enable customers to manage stricter environmental standards."

To learn more about how Ashland solves industry challenges with sustainable, effective, innovative solutions for the coatings industry, visit www.ashlandchina.com.

About Ashland

Ashland Global Holdings Inc. (NYSE: ASH) is a premier global specialty chemicals company serving customers in a wide range of consumer and industrial markets, including adhesives, architectural coatings, automotive, construction, energy, food and beverage, nutraceuticals, personal care and pharmaceutical. At Ashland, we are approximately 6,000 passionate, tenacious solvers - from renowned scientists and research chemists to talented engineers and plant operators - who thrive on developing practical, innovative and elegant solutions to complex problems for customers in more than 100 countries. Visit ashland.com to learn more.

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