

Media Release

Clariant introduces additive solutions tailored to local needs at ChinaCoat

- **Latest innovations include light stabilizers, flame retardants, waxes, and performance improvers for powder coatings**
- **Products will help customers formulate more eco-friendly and low emission coatings**
- **Production of high performance additives in China is scheduled to begin in 2018**

Muttenz, November 9, 2017 – Clariant, a world leader in specialty chemicals, will introduce new additive solutions developed to meet the specific needs of the Asian coatings market at ChinaCoat, the global coatings show taking place in Shanghai from November 15 to 17. Clariant will be exhibiting in Zone 7, Hall W2, Booth No. W2.E21-28.

The focus of the new solutions on aspects such as safety, UV protection and greater environmental-compatibility is of particular relevance to China and its continuing boom in building, infrastructure and maritime projects. Last year, 84 skyscrapers over 200 meters tall were constructed in China and the country will build 66 new civil airports on its mainland within the next 5 years. In addition, its merchant vessels fleet has expanded almost three-fold in the past three years. The world's 2nd largest economy is placing huge emphasis on the construction industry to ensure structures and cities are safe and sustainable.

“Our new innovations will enable formulators to keep up with the trend towards more eco-friendly and low emission coatings, as the transition away from solvent-based coatings continues”, says Stephan Lynen, Head of Clariant BU Additives. “We have new products for waterborne and powder coatings, for use on a broad range of substrates, indoors and outdoors. But we appreciate that moving completely away from solvent-borne coatings is still not possible in all situations, so we continue to develop additives to improve these systems as well.”

A typical example of Clariant's latest innovations is light stabilizer Hostavin® TB-03, a high performance synergistic combination of a UV absorber and a radical scavenger containing neither toluene nor xylene and suitable for both water- and solvent-borne systems. Two more light stabilizers, Hostavin 3070 P and Hostavin 3070 Disp, offer a “label free” alternative to traditional HALS currently used in solventborne and waterborne systems respectively.

Hostavin 3070 Disp has been awarded the Clariant EcoTain® label for outstanding sustainability and best-in-class performance. This label identifies Clariant products that have an outstanding sustainability and performance profile.

Further new introductions provide sustainability benefits for customers producing powder coatings and intumescent coatings. AddWorks® IBC 251 produces an improved tribo-charge effect that reduces over-sprays in powder coating materials and also improves heat stabilization during the baking process. Exolit® AP 428, a new flame retardant based on ammonium polyphosphate, greatly simplifies the production of waterborne intumescent coatings; it can be used as a flame retardant in textile and plastics applications as well.

Clariant is also launching several new Ceridust® wax-based additives for wood and powder coating systems. Ceridust 2740 TP, for example, a blend that is easy to incorporate into water- and solvent-borne systems, is the company's response to the trend for coatings with higher clarity, while Ceridust 9322 F TP, a PTFE-modified product, provides very high scratch resistance levels in solvent-based coatings and also results in a smooth surface touch; it can also be used in powder coatings to substantially reduce surface friction and improve mar and scratch resistance.

Additives production in China begins in 2018

Clariant announced earlier this year that two new additives facilities at its existing site in Zhenjiang are scheduled to come on-stream in the second half of next year. "These facilities will enable us to offer innovative high-end solutions tailored to the specific needs of the local coatings, inks and plastics industries, with accelerated response times", says Lynen. In addition to the new products being launched at ChinaCoat, the locally-produced portfolio will also include several important additives from Clariant's existing portfolio that are already well-established in the Chinese and Asian markets.

Note for Editors:

Clariant will host a media round table from 10 AM until 11:30 AM on 16 Nov at its ChinaCoat booth in Zone 7, Hall W2, Booth No. W2.E21-28, headed by Additives BU Head Stephan Lynen.



Exolit® AP flame retardant grades based on ammonium polyphosphate have become the industry standard in intumescent coatings formulations. Steel plate protected with intumescent coating after a fire test. (Photo: Clariant)

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Clariant is a globally leading specialty chemicals company, based in Muttenz near Basel/Switzerland. On 31 December 2016 the company employed a total workforce of 17 442. In the financial year 2016, Clariant recorded sales of CHF 5.847 billion for its continuing businesses. The company reports in four business areas: Care Chemicals, Catalysis, Natural Resources, and Plastics & Coatings. Clariant's corporate strategy is based on five pillars: focus on innovation through R&D, add value with sustainability, reposition portfolio, intensify growth, and increase profitability.