



CURRENT ISSUE

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Content

Editor's Note

Inks vs Coatings

— Prof. Long Lin

I attended the Drupa 2024 (www.drupa.com) that was held at the Messe Düsseldorf between 28th May and 7th June. Drupa are quadrennial events, although the would-be Drupa 2020 did not take place due to the global Covid pandemic.

Market Watch

In the Post-Supply Chain Crisis Period: Creative Strategy is the Only Way Forward

— George R. Pilcher, Vice President, The ChemQuest Group, Inc., USA

The Great Supply Chain Crisis of 2021-2022 acted as an exceptionally clear warning to all participants within the specialty chemicals value chain, whether in paints and coatings; adhesives and sealants; household, industrial & institutional cleaners (HI&I); lubricants and hydraulic fluids; personal care products; or many others.

Additives

Effects in Aqueous Paints: Tools for Manipulating Viscosity and Mobility in a System

— Dariusz Bebej, Jesus Pitarch-Lopez and Jörg Rüger, Clariant

Additives have an influence on the drying process of water-based paints by affecting the Brownian motion of particles. The additive-dependent viscosity changes to help manipulate effects such as run-off or flow during drying of water-based paints.

Pigments

Daylight Fluorescent Pigments: a Technology that Delivers a Luminously Enhanced Universe of Colour to Products and Applications

— Darren Bianchi, Founder/CEO, and Ray Peria, Technical Manager, Brilliant Group, Inc., USA

Objects and surfaces compounded or treated with certain dyes and then captured within specially designed polymer systems have extraordinary luminous properties.

Dispersion Stability

Comparing the Backscattering Intensity Using Blue and IR Light Sources in Dispersion Stability Analysis

— Dr. Qiongjie Liu, Product and Application Manager, DataPhysics Instruments GmbH, Germany

Dispersions are encountered in everyday life in many different products, ranging from salad dressings and cocktails in the food sector, emulsions and creams in cosmetic and pharmaceutical products to multi-phased cleaning agents, emulsion paint or seal slurry in the building industry, to name just a few examples.

Regular Columns

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