

Sartomer to Present Innovations to Enhance Sustainable Energy Curing Technology at RadTech Europe

Experts from Sartomer, part of the *Coating Solutions* segment of Arkema, will introduce the latest developments and technical advancements that improve the performance of UV-LED-Excimer and EB cured materials at the RadTech Europe online event October 19-20, 2021.

“We are once again eager to participate in RadTech Europe to introduce our most recent resins and photoinitiators for energy-curable systems,” said Magdalena Doherty, General Manager at Sartomer EMEA. “In addition to discussing innovative offerings that enable exceptional freedom of performance design, our scientists are presenting on the latest technological developments for UV, LED, Excimer and EB curing.”

FEATURED PRODUCTS

SARBIO® high-performance acrylate oligomer and monomer resins based on renewable raw materials, to help our customers meet their sustainability goals.

Structured Urethane Acrylate resins, a new class of acrylated urethane oligomers to help enhance and expand end properties of cured materials, together with a fast time-to-market development concept.

New specialty low-migration photoactive liquid resin designed for indirect food contact applications. Ideal for flexible packaging, direct to pack, labels and folded carton and board. New formulation approach using such photoactive acrylate via inclusion of photoinitiating moieties into the resin backbone will be introduced.

New LED-curable liquid thioxanthone photoinitiator *Speedcure LTX* that enables high photoinitiator/resin compatibility and provides better solubility than traditional solid photoinitiators. It features very desirable overall properties and is particularly suitable for low viscosity applications.

Specialty oligomers and monomers for UV/LED/EB excimer curable coatings. Performance advantages of this technology include special surface effects such as ultra-gloss or matte effect. These materials are ideal for automotive, construction, flooring and other demanding consumer goods applications.

Resins to enhance dielectric performance of conformal coatings, which are thin transparent polymeric coatings applied to the surface of printed circuit boards and other electronic components. These resins provide performance advantages including protection from the end-use environment, adhesion to substrates and electronic components, low dielectric loss and improved mechanical properties.

N3xtDimension® building blocks and additives for UV-curable 3D printing, a unique toolbox of specialty oligomers, monomers, cationic resins and photoinitiators, as well as the possibility to tailor-made solutions to customers specific needs. A focus on the development of easier characterization methods for elasticity and evaluation of new elastomer materials will be introduced.

TECHNICAL CONFERENCES

Deep Matte and Soft Touch Coatings via Excimer Curing: Monomers and Oligomers Selection Guide
Dr. Xavier Drujon, Tuesday, 11:30-12:00 CET

Dielectric Performance of UV-Curable Chemistries for Conformal Coatings
Dr. Neal T. Pfeifferberger and Dr. Saeid Biria, Tuesday, 15:30-16:00 CET

High-Performance (Meth)acrylic Resins for 3D Printing
Dr. Noemi Feillée, Wednesday, 10:00-10:30 CET

Strategies Towards Reduced Migration Potential in Graphic Arts
Kevin Demoulin, Wednesday, 10:30-11:00 CET

A New Liquid Photoinitiator for LED Curing
Dr. Richard Plenderleith, Wednesday, 14:00-14:30 CET

Unique Label Friendly High Performance Methacrylate Solutions for Consumer and Industrial Applications
Dr. Liza Marasinghe, Wednesday, 14:30-15:00 CET

Structured Urethane Acrylates and the Use of Controlled Polymer Architecture to Tailor Material Properties
Dr. Donald Herr, Wednesday, 15:30-16:00 CET

For registration to Radtech conference, click [here](#).

To access Sartomer's show program for Radtech Europe, click [here](#). For more information about Sartomer, visit www.sartomer.com.

About Sartomer

Sartomer is a premier global supplier of specialty chemicals for ultraviolet and electron beam (UV/EB), peroxide, and two-part epoxy/amine systems. For more than 60 years, Sartomer has pioneered the development of these advanced technologies, introducing hundreds of products that enhance performance in 3D printing, coatings, graphic arts, adhesives, advanced materials and other demanding applications. On Oct. 1, 2019, Arkema acquired Lambson Ltd. under its Sartomer business line. Lambson is specialized in photoinitiator systems, cationic resins and additives. These solutions provide the perfect complement to Sartomer's portfolio of solutions, which will boost development and the leadership position of the Group in the energy curing market. For more information, visit sartomer.com.

About Arkema

Building on its unique set of expertise in materials science, Arkema offers a portfolio of first-class technologies to address ever-growing demand for new and sustainable materials. With the ambition to become in 2024 a pure player in Specialty Materials, the Group is structured into 3 complementary, resilient and highly innovative segments dedicated to Specialty Materials -Adhesive solutions, Advanced Materials, and Coating Solutions- accounting for some 82% of Group sales, and a well-positioned and competitive Intermediates segment. Arkema offers cutting-edge technological solutions to meet the challenges of, among other things, new energies, access to water, recycling, urbanization and mobility, and fosters a permanent dialogue with all its stakeholders. The Group reported sales of around €8 billion in 2020 and operates in some 55 countries with 20,600 employees worldwide. www.arkema.com

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