PRESS RELEASE

King of Prussia, Pa., May 4, 2022

ARKEMA SHOWCASES MORE SUSTAINABLE MATERIAL SOLUTIONS TO ADVANCE UV/EB CURING AT RADTECH 2022

Arkema, a world leader in specialty materials, will feature innovative and more sustainable solutions that include resins, photoinitiators and 3D printing materials at RadTech UV+EB 2022, May 10-12, at booth #501. Arkema technical experts will present their latest developments for energy-cured materials during eight technical presentations.

"We are excited to share with RadTech attendees our most recent advances for UV, LED and EB curing systems," said Len Mazzanti, regional president, UV specialties, Arkema. "These new developments are driven by our commitment to replacing substances of concern, reducing migration potential, leveraging more biorenewable-based feedstocks, enabling low energy cure and ensuring high-quality, long-life performance."

FEATURED PRODUCTS

Resins

Sartomer® UV-curable resins include a broad range of specialty acrylate monomers and oligomers for a variety of high-performance applications, as well as a biobased line of resins with USDA certification. New structured urethane acrylate (SUA) oligomers expand the possible property profiles obtained in cured materials and new resins to enhance dielectric performance of conformal coatings. Arkema will also feature cationic resins designed for epoxy, oxetane diluent and oxetane property modifiers.

Photoinitiators

Sartomer® photoinitiator range includes a full line of single-component and specialist-formulated products for UV-free radical and cationic curing. Featured photoinitiators include Speedcure XKm, a hybrid photoinitiator for inks and coatings that has an improved health classification compared to alternative phosphine oxides, and Speedcure LTX, a lower energy, LED-curable liquid thioxanthone photoinitiator that is easier to add to formulations and provides better solubility than traditional solid photoinitiators.

3D Solutions

N3xtDimension® resins for UV-curable 3D printing are an integrated offering of custom formulations, engineered resins for a targeted performance, and building blocks that include oligomers, monomers, photoinitiators, cationic resins and UV blockers. Among the featured 3D solutions are new ultra-low loss dielectric resins for high frequency applications and custom formulations for high-temperature, toughening, modeling and dental applications.

PRESENTATIONS

Arkema technical experts will also share new insights on innovative chemistry and technology during eight presentations.

UV/EB Professional Short Course (undergraduate-level)
Presented by Neil Cramer on Monday, May 9, 1:00-5:00 p.m.

Dielectric Performance of UV-Curable Piezo-Inkjet Resins for Dielectric Coating Applications
Section 1A, Structural & Flexible Electronics; Presented by Donald Herr on Tuesday, May 10, 9:00 a.m.

XKm Formulation Strategies for TPO Replacement
Section 1B, Cationic/Photoinitiator; Presented by Jonathan Andersson on Tuesday, May 10, 9:30 a.m.

A New Liquid Photoinitiator for LED Curing
Section 3C, New Product Debut I; Presented by Richard Plenderleith on Tuesday, May 10, 4:30 p.m.

Strategies toward Sustainable UV Solutions with Reduced Hazard and Reduced Migration Potential
Section 4A, Next Level Formulations; Presented by Richard Plenderleith on Wednesday, May 11, 9:00 a.m.

Structured Urethane Acrylates vs. Telechelic Urethane Acrylates comparison in Inkjet Applications
Section 5C, Optimized Materials; Presented by Endrit Shurdha on Wednesday, May 11, 12:00 p.m.

High Temperature Additive Manufacturing Materials
Section 7A, Additive Manufacturing; Presented by Neil Cramer on Thursday, May 12, 8:00 a.m.

Structured Urethane Acrylates in LVT Applications
Section 7B, Building Materials; Presented by Elaine Ruiz on Thursday, May 12, 8:30 a.m.

Join our experts at booth 501 at RadTech 2022 in Orlando, Fla. Access Arkema's full show program here.
For more information about our products, visit https://www.sartomer.com/en/.

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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 85.5% of Group sales in 2021, 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 €9.5 billion ($11.2 billion USD) in 2021, and operates in some 55 countries with 20,200 employees worldwide.

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