

King of Prussia, Pennsylvania, April 11, 2024

ARKEMA EXPANDS ITS SUSTAINABLE OFFER AT 2024 AMERICAN COATINGS SHOW

Arkema will showcase a wide range of solutions and technologies in support of its customers' commitment to decarbonization, more circularity and other sustainability goals at the 2024 American Coatings Show, April 30-May 2, in Indianapolis, Indiana (Booth # 1130).

"We will focus on three key areas at this year's show," said Eric Kaiser, a US regional business president for Coatings at Arkema. "The first is to accelerate the development of **more sustainable solutions** to meet customer expectations for efficient building and indoor well-being. This includes health, protection, durability, cooler buildings along with user-friendly application with minimal environmental impact. The second is **performance** - supporting the industry to adopt more sustainable solutions with performance levels better than those they use today. And the last is **partnership** - true change will require input and collaboration from companies across the coatings value chain."

Arkema will showcase a wide range of sustainability related initiatives, most recently including:

RENEWABLE BASED AND LOWER CARBON FOOTPRINT MATERIALS

- **Bio-based segregated solutions**, including UV curable, waterborne resins and additives featuring **up to 97% bio-content**.
- **Bio-Mass balance solutions**: Arkema is pursuing **ISCC+ certification** at its acrylic production sites in North America – to complement efforts in other geographies – as part of the ambition to expand its bio-attributed mass balance resins and additives progressively worldwide for all major coating technologies including UV/LED/EB, waterborne, high solid and powders.
- **Recycled-based solutions**, including accelerated development of rPET-based materials, with up to 40% recycled content, for powder coating applications.



DECARBONIZING THE BUILT ENVIRONMENT

- **Lower energy intensive solutions**, with new offerings for UV/EB coil coatings that offer **up to 60% energy savings*** during application, as well as powder resins enabling low to **ultra low-temperature (as low as 135°C) cure** coating applications.

ENHANCING EFFICIENT NEW MOBILITY

- **Solvent free and lower energy intensive coating solutions** for protecting battery cells, including UV/LED specialty materials for improved **electrical insulation**, powder resins for **intumescent fire-retardant coatings** and waterborne solutions for **liquid applied sound deadeners (LASDs)**.

REDUCING ENERGY CONSUMPTION OF BUILDINGS

- **Improved solutions for cool surface coatings**, including resins and additives that enable up to **30% saving in air conditioning** and ultra-durable material for building facades designed to extend the lifespan of coatings, reduce costs and improve carbon footprint.
- **Improved building efficiency** with Molecular Sieves for insulated glass flexible spacers that can **improve energy savings by 95%** vs. non-insulated glass.

SUPPORTING COMMUNITY HEALTH AND WELL-BEING

- **Solutions for living comfort**, including resins, additives and systems designed to **improve safety and provide high performance** across a wide range of coating and related applications, including new low migration UV/LED curable systems for packaging inks and coatings and waterborne isocyanate-free systems for 2K industrial applications.

FOCUS ON SUSTAINABLE TECHNOLOGY ADVANCES

Arkema researchers will present multiple **technical papers dedicated to sustainability:**

Tuesday April 30

- 1:30-2:00pm, Low-VOC, solvent-free resin development for UV/EB cured coil coatings, Elaine Ruiz

Wednesday, May 1

- 9:30-10:30am, Advances in 1K PVDF/acrylic hybrid dispersions and its applications, Wei Wang
- 3:30-4:00pm, Improving sustainability of high-performance water-based DTM coatings, Jeffrey Arendt
- 5:00-5:30pm, Building performance exterior acrylics to master regulatory challenges, Mary Chervenak
- 6:00-6:30pm, Energy-curable solutions for low-VOC dielectric EV-battery coatings, Saeid Biria

In addition, Arkema experts will host **five “spotlights”** on the show floor stage:

Tuesday, April 30

- 10:40-10:55am, Flagship coating solutions to advance sustainability, Helene Pernot
- 1:40-1:55pm, Enhancing your building’s sustainability profile with long-life coatings, Anna Sanchez-Fischer

Wednesday, May 1

- 11:20-11:35 am, Mass Balance solutions to accelerate the shift toward more circular solutions, Helene Pernot
- 11:40-11:55 am, The path forward to safer 2K paints, Frank Cogordan

Thursday, May 2

- 10:00-10:15 am, New pure associative and Newtonian HEUR polyurethane thickener for water-based systems, Haksu Lee

For more information about Arkema’s program at the 2024 American Coatings Show, please go [here](#).

© Arkema Inc. 2024 All Rights Reserved

*ECCA - Zero Carbon Coil Coating Line – The Way Forward

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 92% of Group sales in 2023, 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 in 2023, and operates in some 55 countries with 21,100 employees worldwide.

Press Contact:
Mike Crisp

+1 864-525-9307

mike.crisp-ext@arkema.com