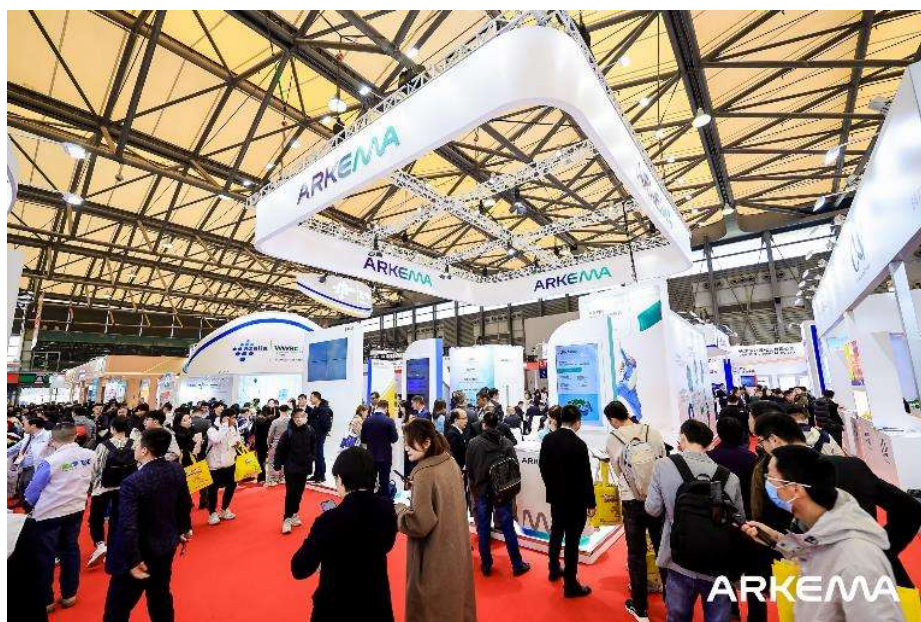


Shanghai, 15 November 2023

## ARKEMA SHOWCASES INNOVATIVE AND SUSTAINABLE SOLUTIONS AT CHINACOAT 2023

Arkema, a global leader in specialty materials, will showcase more sustainable solutions and innovation for coatings during Chinacoat 2023 - in the Shanghai New International Expo Centre (SNIEC) – from November 15th to 17th, booth E4.F21.



*Arkema showcases innovative and sustainable solutions at CHINACOAT 2023*

*“We have recently unveiled our 2028 ambitions that brings further clarity to our vision: innovative and high-performance solutions for a more sustainable world,”* said Ms. Julie Xiaoyu ZHANG, President of Arkema Greater China. *“For Arkema Group, the China market plays a critical role. we are fully committed to support our customers & partners to achieve their sustainable growth and sustainability development objectives. Arkema China will bring together strong expertise and the breadth of its unique portfolio of technologies to further unlock new possibilities capable of progressing our efforts to reduce carbon footprint and promoting sustainable development.”*

Coating Solutions is one of Arkema Group’s three complementary, resilient, and highly innovative segments dedicated to Specialty Materials. It is a market leader recognized for its

unparalleled portfolio of high-performance materials backed by cutting-edge technology. At the Capital Markets Day on September 27<sup>th</sup>, Arkema has further embedded sustainable development into the heart of the Group’s strategy by focusing on accelerating development in high-performance, sustainable technological solutions so to serve fast-growing market segments. Furthermore, The Group will also capitalize on the recent validation of its 1.5°C trajectory by SBTi to further strengthen its decarbonization initiatives, paving the way for Net-Zero by 2050.

**NEW SUSTAINABLE OFFERS**

For this 2023 Chinacoat edition, Arkema will showcase its new sustainable offers for the industry, providing answers to emerging markets like home efficiency, more circular housing, community well-being, decarbonization of the built environment and more.

Guided by the Group’s sustainable development strategy, Coating Solutions segment is focused on accelerating the transformation of the coating sector through four major aspects: phase out of hazardous substances, the quest for more circular raw materials, development of more efficient and sustainable technologies and the evolution of application processes toward greater industrial and energy efficiency.



*Arkema’s new sustainable offers for the industry*

In addition to the exhibition, Arkema experts will present research during this year’s congress.

**Arkema, a partner for a full range of sustainable solutions**

Robine HAN, Technical service manager of China

Yohann TRANG, Global Business Manager Coatings, Adhesives & Sealants

Thursday Nov. 16 from 11:20-12:00 am / Meeting room #M25

Sustainability is the key topic for coatings industry. Arkema sets very ambitious target to reduce carbon footprint. Arkema experts will present the latest Bio-based or low carbon footprint resins,

HEUR thickeners, PAA dispersants, HASE thickeners, urethane and polyamide products, all the products show high performance and help our partners to achieve the sustainability target together.

**Arkema is also developing its bio-attributed acrylic materials** across the regions. These products fully adopt the **“Mass Balance” approach** and are produced from renewable or recycled raw materials. The Group have already obtained the recognized International Sustainability & Carbon Certification-PLUS (ISCC+) in Europe, Carling French site in 2022, and expands its certification process to China for implementation during Q1 2024. These efforts are major milestone for the Group and the Coating Solutions segment’s ongoing journey toward more circular and low carbon development.

**A LEADING PORTFOLIO OF LOWER VOC AND LOWER CARBON COATING TECHNOLOGIES**

The company features its leading portfolio of high performance and sustainable materials, including solutions for UV/LED, waterborne, high solid technologies and high performance polymers.



*Arkema features its leading portfolio of high performance and sustainable materials*

- **Waterborne Systems**

Waterborne is one of Arkema’s key low VOC technologies. The portfolio includes a variety of different forms of waterborne resins, additives and long-lasting weather-resistant PVDF emulsions. With world-renowned waterborne resin solutions, Arkema’s resin portfolio includes Encor® 2436, a styrene-acrylic emulsion specially designed for industrial coatings; Encor® 2787 CS, a pure acrylic emulsion suitable for decorative coatings; Synaqua® bio-based

water-based alkyd series. Encor® and Kynar Aquatec® emulsions are also applied to “cool roofing” technologies enabling up to 30% energy savings in air conditioning. Other notable water-based products recognized for their high-performance and sustainability that are widely adopted in construction, building materials, industry, adhesives and other fields include the Coapur™ series of polyurethane thickeners that are based on bio-based materials; the Ecodis™ MB and Rheotech™ MB series of dispersing agent and acrylic thickeners.

- **UV/LED/EB Systems**

Arkema’s UV/LED/EB light-curing formulation solution offers low VOC and energy efficiency. The products also maintain coatings’ overall aesthetic appearance through superior mechanical and weather-resistant properties. Arkema's Sartomer® specialty acrylic resins are widely used in UV/LED/EB systems. The broad product categories offer maximum flexibility when designing formulators and are widely used in various fields including 3C coatings, automotive interior and exterior coatings, UV inkjet, solder mask inks, optical film coatings, photoresists and offset inks. The Arkema’s specialty UV/LED curing resins' capacity expansion in China will support the development of more sustainable solutions for fast-growing applications in Asian markets, such as cutting-edge solutions in electronics, driven by 5G technology, and in renewable energies.

- **Powder Coatings**

Arkema’s powder coatings, a more sustainable technology with Near zero VOCs and HAPs, no solvent and no waste, cover the majority of today’s technologies on the market, including thermosetting and thermoplastic systems as well as surface modifiers and leveling agents. They are also widely adopted in general industry, home appliances construction, home furnishing, and aviation. Among Arkema’s many offerings are Orgasol®, the nylon ultra-fine powder. It has a uniform spherical appearance and porous structure, which can reduce the gloss of the paint film and improve wear resistance. Arkema also offers the Reafree® powder coatings resins enabling super durable solutions with lower carbon application through low temperature cure technologies.

- **High-solids Systems**

For high-solid systems, Arkema is targeting always more performing, lower VOC solutions, with the development of a series of resin and additive products to solve the various challenges brought on by the new system. Among them, Synocure® 854 BA 80 MY High-Solids Hydroxy Acrylic Resin with low NCO requirements and superior weather-resistance is suitable for economical heavy-duty anti-corrosive topcoats with ultra-low VOC requirements; Crayvallac® Optima polyamide wax powder has 92% bio-based content. It is especially well-suited for high-solids coatings due to its excellent anti-settling and anti-sag properties, storage stability, and broad applicability.

To get up close and personal with all our coating products and solutions, come visit our booth at E4.F21 for more details.

**About Arkema:**

Building on its unique set of expertise in materials science, Arkema offers a portfolio of first-class technologies to address evergrowing 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 91% of Group sales in 2022, 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 € 11.5 billion in 2022, and operates in some 55 countries with 21,100 employees worldwide.

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