

Sartomer to feature New Developments in UV/EB Curing Technology at CHINACOAT 2018

Sartomer, a business unit of Arkema, will feature the latest advancements in UV/EB curing products at CHINACOAT 2018. Sartomer Asia experts will share their deep understanding of the innovative solutions and technology needed to advance UV/EB curing performance for adhesives, specialty coatings, graphic arts and 3D printing at Arkema booth E37-42, Zone 7, Hall 2.1. In addition, Sartomer Asia will hold a technical seminar on newly developed polyester acrylates.

Specialty Electronic Adhesives

Sartomer's new specialty resins for UV/EB/LED-curable formulations used in high-performance electronic applications include:

Device displays: PRO31718 for excellent barrier property and flexibility in Optical Clear Adhesives

Quantum dot displays: CN8888 NS oligomer to improve adhesion and moisture barrier protection

OLED displays: CN9014 NS for extreme high barrier properties

Specialty Coatings

Sartomer's specialty oligomers enhance functional properties of UV/EB/LED-curable coatings such as soft-touch, anti-finger print and stain resistance. Additional applications and properties include:

High-end applications: CN8881 NS for good weatherability and durability

Dual cure coatings: CN1074 NS, CN153 for thorough cure and low shrinkage

Graphic Arts

Sartomer's specialty monomers meet lower VOC regulations and market demand for rapid curing of UV/EB/LED inks and are ideal for applications such as:

Offset inks: SR579 NS, SR583 NS, PRO31757, PRO31820, PRO31847, PRO31848 for high reactivity and cost effectiveness

Inkjet inks: SR217 NS, SR285 NS, SR420 NS, SR531 NS, SR595 NS, a broad range of lower viscosity monomers

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3D Printing

Sartomer's N3xtDimension® liquid resins, along with Rilsan® biosourced polyamide 11 and Kepstan® PEKK ultra-high performance polymer are part of the newly launched [3D Printing Solutions by Arkema](#) platform. N3xtDimension® line of UV-curable 3D printing solutions help additive manufacturers yield exceptional material's tunability, high-definition, and fulfill performance and regulatory requirements for a wide range of industrial applications. The launch of these products has been made possible by close collaboration between the Sartomer Asia Technical Center and the recently opened [3D Printing Center of Excellence at Sartomer Americas](#) in Exton, Pennsylvania.

Dental models:	CN1964CG, PRO31593, PRO31592 optimized for dental surgery guides and dentures
Jewelry casting:	N3D-C179, N3D-C229, N3D-C239, N3D-C249, PRO31879 that have good melt casting properties and low remains after the casting process
Consumer goods:	CN9903 NS, PRO31641, PRO31640 for TPU alternative products with high resilience property for shoe soles
SLA printing solutions:	CN153, which can be cured by both light and heat

Technical seminar:

Sartomer Asia UV curing specialist Julie Zhou will deliver a technical seminar on special properties of newly developed polyester acrylates, which are ideal for inks and coatings applications because they promote high reactivity, excellent pigment wetting and advanced adhesion. The seminar, conducted in Chinese, is scheduled for Tuesday, December 4, 2018 from 10:30 a.m.–11:20 a.m. Meeting Room 1, Area A, Hall 4.2 at the China Import & Export Fair Complex (Canton Fair Complex) in Guangzhou, China. [Click here](#) by November 30, 2018 to register for the seminar.

CHINACOAT 2018 takes place December 4-6, 2018 in Guangzhou, China at Area A, China Import and Export Fair Complex. For more information, visit <http://www.chinacoat.net>.

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. For more information, visit www.sartomer.com.

About Arkema

A designer of materials and innovative solutions, Arkema shapes materials and creates new uses that accelerate customer performance. Our balanced business portfolio spans high-performance materials, industrial specialties and coating solutions. Our globally recognized brands are ranked among the leaders in the markets we serve. Reporting annual sales of €8.3 billion in 2017, we employ approximately 20,000 people worldwide and operate in close to 55 countries. We are committed to active engagement with all our stakeholders. Our research centers in North America, France and Asia concentrate on advances in bio-based products, new energies, water management, electronic solutions, lightweight materials and design, home efficiency and insulation. www.arkema.com

CONTACTS

Sartomer Asia: Sue Wong	Tel: +852 2629 1046	E-mail: sue.wong@sartomerasia.com
Sartomer: Julie Haevermans	Tel: +33 1 49 00 79 94	E-mail: julie.haevermans@sartomereurope.com
Media relations: Lisa Goetz	Tel: +1 610 269 2100 x244	E-mail: lgoetz@schubertb2b.com