

JEC World 2019: New High-Performance, Low-VOC Liquid Resin Solutions for Composites Systems

Sartomer, a business line of Arkema, will feature new specialty solutions that enable high-performance, low-VOC composites systems at JEC World 2019 at the Arkema booth in Hall 5 Stand V39. Sartomer is a global leader in developing advanced liquid resin solutions that significantly improve the functional properties of composite matrices.

Chemists and environmental health and safety experts from Sartomer and Arkema work closely to develop solutions that successfully meet current and anticipated regulatory directives as well as stringent requirements. Sartomer liquid monomers are well-established solutions for replacing volatile organic compounds (VOCs), such as styrene, in composites.

As part of Arkema, Sartomer benefits from a history of high-quality, well-known solutions for the composites market. "Our dedicated research and market teams work with the other Arkema business lines to offer cutting-edge solutions for superior mechanical properties—such as impact resistance, water and chemical resistance, and adhesion to various substrates," said Liza Marasinghe, PhD, Sartomer Technical & Development Manager, Adhesives and Sealants, Advanced Materials & UV Industrial Coatings. "Through these active collaborations, our desire is to propose products that meet two key demands: high material performance and VOCs reduction. The possibilities are endless."

Sartomer also historically collaborates with customers to develop composites solutions that deliver application-specific properties.

These new innovative solutions not only enable low volatility, high cutting power, and good reactivity, but also allow fine-tuning of mechanical performance. Composites incorporating Sartomer's materials are widely used in the building and construction, energy, transportation, marine, and electronics industries.

Products featured at JEC World 2019:

- **Urethane methacrylate oligomer range:** Unique solutions for enhanced toughness.
- **CN1964CG and PRO22323:** New grades for high temperature resistance.
- **Polyester methacrylate oligomer range:** New low-viscosity solutions for high reactivity and advanced adhesion.

For more information about Sartomer's solutions for composites systems, visit <https://emea.sartomer.com/en/solutions/peroxide-curing/composites-and-gelcoats/>.

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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

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