

We are pleased to present the featured Guest Speaker for our September 6th Meeting:

A Continued Legacy of Innovation in Epoxy Molding Compounds & Coating Powders

Melissa Jaime

Product Development Manager
SolEpoxy, Inc.

Abstract

SolEpoxy, Inc. produces epoxy-based materials to encapsulate, insulate, and protect electrical equipment and electronic devices. These products are particularly useful in the power transmission, micro-electronics, automotive, and medical device industries. Formerly under the ownership of Hysol, Dexter and Henkel, this Olean, NY facility pioneered the development of cutting-edge products that enabled rapid advancement of the electronics market through the last 60 years.

As one of the world's few firms still capable of custom-formulating functional epoxy coating powders, molding compounds and liquids, SolEpoxy is committed to maintaining the outstanding reputation for product quality & performance established by its dedicated employees years ago. Today, SolEpoxy continues to provide standard-setting materials to a global customer base that relies upon these specialized compounds to ensure optimal performance of their own products.

Biography

Melissa Jaime is currently Product Development Manager at SolEpoxy, Inc. She earned her Chemical Engineering & Materials Engineering degrees at Stevens Institute of Technology, where the topic of her master's thesis was the rheology & processing of highly

filled polymeric suspensions. Since joining SolEpoxy in 2013, she has contributed to the development of unique thermoset epoxy materials for use in both electronic and industrial applications.

MEETING DETAILS

Place: Bridgewater Manor, Bridgewater, NJ; (908) 658-3000

Time: 5:45 – 8:30 pm

Cost: \$25.00 at the door. Free for students. Cash, check and PayPal options are available. This meeting is open to all SAMPE members, spouses, guests and other interested parties. For reservations or questions, please contact Megan Casey at mbc872@gmail.com by noon Wednesday before the meeting. Meal options are available.

Directions to Bridgewater Manor: From I-287 north, take exit 22A (206 south). Go thru two lights, Bridgewater Manor is on right. From I-287 south, take exit 22. Make right at end of ramp. Make next left, a jughandle to cross 202/206 to go south on 202/206. Go thru three lights, Bridgewater Manor is on the right.



2018 – 2019 Meeting Schedule

September 6, 2018 – Melissa Jaime, SolEpoxy, Inc ., Olean NY

October 4, 2018 – Joint meeting with ASM

October 15-18 , 2018 – CAMX , Dallas TX

November 1, 2018– TBD

December 6, 2018– TBD

February 17, 2019 – TBD

March 7, 2019 – TBD

April 4, 2019 – Students Night

May 2, 2019 – TBD

May 20-23, 2019 – SAMPE 2019, Charlotte NC

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1996 (Anaheim), 1998 (Anaheim), 2002 (Long Beach)

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Sponsor of the Month: SolEpoxy Inc

On the shoulders of giants:

SolEpoxy, Inc. inherited a great legacy of innovation in western New York state.

It began in 1948 when Olean, NY chemist Russ Houghton developed some of the first epoxy compounds made in America. He pioneered the use of high filler content in epoxy composites, naming his products “Hysol” for their high solids content. Hysol became a leader in composites used to encapsulate electrical equipment and electronic devices, inventing the first “functional” epoxy powder coating in the middle 1950s and the first molding compound suitable for encapsulating a bare silicon chip in the early 1960s. This invention revolutionized the microelectronics industry.

Hysol was purchased by Dexter Corporation, later acquired by Henkel Corporation in 2000. Henkel sold their Olean facilities to SolEpoxy in 2010 and exited the business in 2017.

SolEpoxy restored the Hysol innovation in Olean while supporting over 200 active customers with...

Insulating coating powders for motor iron, busbars, and passive devices such as capacitors, resistors, and inductors.

Dielectric molding compounds for use where electrical devices are subject to corrosives, chemicals, heat and shock. Applications include solenoid coils, high voltage equipment bushings, reed relays and electric motors.

Optically clear encapsulants with best-in-class color stability for applications such as image sensors, photo detectors, infrared devices, and LED displays.

Formulated composite liquids for use with coating powders & molding compounds. These specialized adhesives create tough bonds between extremely smooth materials such as stainless steel and epoxy-based compounds.



For more information,
please contact:

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