THERMOSETS: SETTING NEW STANDARDS

FOR IMMEDIATE RELEASE: 25 April 2025

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SPE® THERMOSET TOPCON 2025 TO BE HELD MAY 13-14, 2025 IN MADISON, WI ORIGINAL EQUIPMENT MANUFACTURERS (OEMS) INVITED TO REGISTER FOR FREE

The organizing committee for the SPE® Thermoset TopCon invites all thermoset industry professionals to register to attend the "World's Leading Thermoset Technology Conference & Expo" SPE Thermoset TopCon Conference at the Monona Terrace Community & Convention Center in Madison, Wisconsin May 13 – May 14, 2025.

The SPE Thermoset Topcon 2025 event will feature technical presentations and exhibits highlighting advances in materials, processes, and equipment for thermoset technologies in electrical, automotive, off-highway, appliance, aerospace, building and construction, oil and gas and other industries. A list of 2025 event speakers and topics is available here: https://spethermosets.org/wp-content/uploads/2025/04/TOPCON25Speakers-1.pdf

Original Equipment Manufacturers, "OEMS" who manufacture finished products available for sale using thermoset technologies are invited to attend for **FREE**. To register, OEMs should select the OEM registration option.

REGISTER HERE: https://lp.constantcontactpages.com/ev/reg/r46ucdj

OEM companies can include:

- Manufacturers of vehicles and equipment in:
    - Automotive

- Aerospace
- Military
- Heavy Truck
- Lawn and Garden
- Medical
- Oil and Gas
- Construction
- Marine (Ships, boats, etc.)
- Appliance
- Kitchen, Bath and Plumbing
- Electrical
- Power Tools
- Doors and Decks
- Recreational Vehicles
- Manufactured Housing
- Sports and Leisure

Sponsorship opportunities are still available. Contact Teri Chouinard at intuitgroup@gmail.com with inquiries.

Visit https://spethermosets.org/topcon/ for more info on the event.

The mission of SPE (Society of Plastics Engineers) is to promote scientific and engineering knowledge relating to plastics/polymers worldwide and to educate industry, academia, and the public about technological advances. The SPE Thermoset Division (a specialized technical division of SPE) is active in educating, promoting, recognizing, and communicating technical advancements in thermoset technology in multiple industries.

A thermoset is a type of polymer material that becomes permanently hard and rigid when heated, usually through a curing process. This process involves an irreversible chemical reaction, creating a cross-linked network that prevents further shaping or melting. Due to the cross-linked structure, thermosets are strong, stiff and durable. They exhibit excellent resistance to heat, extreme temperatures, chemicals, and solvents. This makes them ideal for high heat and extreme cold indoor and outdoor applications because they will not warp. They are also ideal materials for the replacement of metals, porcelain and other ceramics, and engineering thermoplastics.

Common thermoset plastics include epoxy, polyester, silicone, and urethane. Bulk Molding Compound (BMC) is a thermoset plastic resin blend of various inert fillers, fiber reinforcement, catalysts, stabilizers, and pigments that form a viscous, ‘puttylike’ injection molding compound. Sheet Molding Compound (SMC) is a compression molding compound often used for larger parts where higher mechanical strength is needed.

Thermosets offer the unique opportunity to consolidate complex parts, reduce weight and eliminate secondary operations - while improving end use performance and cost. They are injection, compression, and transfer moldable providing design freedom as well as a full range of properties, colors and high quality finishes.

Thermosets have excellent flow, which makes for easier molding and shorter cycle times. In addition, they allow for the creation of larger and/or more complex parts, and varied wall thicknesses. Dimensionally stable and structurally sound, impact resistance and strength are inherent traits of this material. They can be further strengthened during mixing with reinforcement materials such as fiberglass, carbon fiber and Kevlar. Specialty finishes, coatings and molded-in high gloss colors offer innovative and attractive options.