

Hexion to Introduce New Hybrid Epoxy/Polysiloxane Resin at American Coatings Show

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EPOSIL™ Resin 5550 can be used to develop non-isocyanate topcoats (2K) with superior performance and longer service life

COLUMBUS, Ohio - April 2, 2018 - Hexion Inc. ("Hexion" or the "Company") will showcase a new hybrid epoxy/polysiloxane resin during the 2018 American Coatings Show that offers superior performance in protective coatings.

When cross-linked with aminosilanes, topcoats that incorporate Hexion's EPOSIL Resin 5550 offer excellent resistance to corrosion, higher service temperatures and anti-graffiti properties, while providing excellent gloss retention and lower yellowing. Hybrid epoxy/polysiloxane coatings offer superior durability and are a high performance alternative to traditional aliphatic polyurethane coatings that contain free isocyanate monomers.

"Since this technology has a successful history of use in protective coatings, EPOSIL Resin 5550 will help our customers to develop improved specialty coatings for high value applications," said Dan Weinmann, Market Development Manager, Epoxy Specialties. "With the introduction of this new hybrid resin, Hexion offers our customers a viable route to the formulation of lower yellowing, isocyanate-free topcoats."

Recommended applications for Hexion's EPOSIL Resin 5550 include anti-graffiti coatings, dry erase coatings, higher temperature coatings (up to 600 °F; 315 °C), and protective coatings for new construction such as airports, stadiums, bridges, piping and offshore platforms.

In new construction, topcoats based on EPOSIL Resin 5550, when applied over a zinc-rich primer, can eliminate the midcoat in traditional three-layer coatings systems, leading to reduced costs and time savings.

To learn more about this new resin system, visit Hexion at Booth 2348 at the American Coatings Show, April 9-12, 2018, attend our technical presentation at the ACS Conference, or log onto http://www.hexion.com/epoxy.

Throughout 2018, Hexion will be celebrating the 70-year anniversary of the commercial debut of epoxy resins, which were launched in 1947 under the EPON™ trade name in the United States.

About the Company

Based in Columbus, Ohio, Hexion Inc. is a global leader in thermoset resins. Hexion Inc. serves the global wood and industrial markets through a broad range of thermoset technologies, specialty products and technical support for customers in a diverse range of applications and industries. Hexion Inc. is controlled by investment funds affiliated with Apollo Global Management, LLC. Additional information about Hexion Inc. and its products is available at www.hexion.com.

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