



MONDAY
OCTOBER 6, 2008

Oak Meadows, Addison IL

**5:00 Registration
and cocktail hour**

5:45 Speakers

6:45 Dinner & Meeting

\$30 members with reservations

\$35 non-members and walk-ins

Selecting Silicone Slip Additives for Environmentally Friendly Wood Coatings

Gerald Witucki, Dow Corning Corporation

The demand for reduced solvent levels in coatings provides both opportunity and challenge. Qualifying new formulations creates the potential for innovation, performance enhancement and market share gain. At the same time, losses of the benefits provided by solvents are often difficult to replicate (flow, leveling, component miscibility, etc).

The speaker will share the results of a study which examined the use of a variety of silicone additive structures in two wood coating systems: UV-cure acrylic and a water-borne acrylic clear coat. Improved performance was noted in terms of Coefficient of Friction, Sutherland Rub, appearance and recoatability. A wide range of performance was observed, which directs the selection of silicone additives.

Gerald (Jerry) Witucki has provided technical support and product development of silicone additives and resins for the paint and coatings industries for more than twenty years at Dow Corning Corporation. He has written numerous articles on the use of silicon-based technologies and holds over a dozen patents in the field. He is a graduate of Central Michigan University and holds degrees in Business and Chemistry along with an MBA.

Developments in Fluoropolymer Resins for Coatings

Winn Darden, AGC Chemicals

Fluoropolymer resins have been used in coatings for many years, imparting excellent weatherability, chemical resistance, and low surface energy. Most fluoropolymer resins are difficult to use in coatings, since they must usually be processed at high temperatures, limiting their use to shop application. Fluoroethylene vinyl ether (FEVE) resins were developed to overcome these limitations. These hydroxyl functional, solvent soluble resins can be crosslinked using standard polyurethane chemistry, enabling them to be used in field or shop applications. They offer excellent weatherability, good pigment compatibility, and can be formulated in a wide range of gloss.

This presentation will briefly review the properties and chemistry of FEVE resins. New developments in FEVE resins which enable the development of VOC/HAPS-free and water-based coatings will be covered. Several projects which used fluorourethane coatings based on FEVE resins will then be discussed.

Winn Darden is Business Manager for AGC Chemicals Americas line of LUMIFLON® fluoropolymer resins. He has been involved in the sales and marketing of coatings and coating raw materials for over 15 years. He has authored over a dozen papers for journals like Bridges Magazine and the Journal of Architectural Coatings. He has also done presentations for the Society for Protective Coatings, National Association of Corrosion Engineers, and FSCT. He holds 12 U. S. Patents.

E-mail your Technical Dinner Reservation to: RMilano@fitzchem.com or sign up online at www.chicagocoatings.org

FutureCoat! 2008

October 14-16, 2008
Hyatt Regency McCormick Place
Chicago, IL

Learn about the industry's cutting-edge technical innovations at the industry's most recognized technical conference. FutureCoat! 2008 the program will feature world-class technical presentations, networking opportunities with tabletop displays, and student poster sessions highlighting new directions in coatings. In addition, a newly created professional development program will help students transition from college life to a career in the coatings industry.

Geared to the theme, "**Globally Responsible Coatings—Getting There from Here**," FutureCoat! will explore the most innovative methodologies and applications facing the coatings industry.



What were you doing 25 years ago?

If you were a member of any Society for Coatings Technology 25 years ago and are now a member of the CSCT you may qualify for the

CSCT 25 Year club

However, we need to know who you are.

Call or write:
 Evans Angelos
 417 Naperville Road
 Clarendon, IL 60514
 (630) 323-6474
evansangelos@comcast.net

Sessions will provide industry leaders with the most up-to-date technical work geared towards providing a cleaner, safer, and sustainable coatings environment for the future.

Focused tracks include: Corrosion, Waterborne Coatings, Green Chemistry, Additives, and Characterization and Nanotechnology.

Registration fee for the conference is \$595

The CSCT will be sponsor admission for chemists to view the Table Top exhibits on Wednesday night if you are unable to attend the conference in its entirety. Please contact the CSCT for a ticket.

For more information visit www.coatingstech.org, or contact the FSCT at (610) 940-0777

New Members



- **Rick Bradstreet - Akzo Nobel Aerospace Coatings**
- **Scott Hayes - Akzo Nobel Aerospace Coatings**
- **Anna Tietz - Roman Decorative Finishes**
- **Kelly Netherton - Akzo Nobel Aerospace Coatings**
- **Debra James Burris - Seymour of Sycamore**
- **Garry McCombs - Seymour of Sycamore**

C/O PATRICK HERATY
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CSCT 2008-2009 Calendar of Events

October 6, 2008 <i>Monday</i>	<i>Flouropolymer Resins by AGC Lumiflon Additives by Dow Corning</i>	OAK MEADOWS GOLF Addison, IL
November 3, 2008 <i>Monday</i>	<i>Waterborne Additives by Evonik Additives by PQ Corporation</i>	OAK MEADOWS GOLF Addison, IL
Friday December 5	CPCA & CSCT JOINT HOLIDAY PARTY	
January 12, 2009 <i>Monday</i>	<i>Anticorrosive Pigments by Halox Topic TBA by Bayer</i>	OAK MEADOWS GOLF Addison, IL
February 2, 2009 <i>Monday</i>	<i>Special Effect Pigments by Ferro Pigments Color Micacs by EMD</i>	OAK MEADOWS GOLF Addison, IL
March 2, 2009 <i>Monday</i>	SUPPLIER NIGHT	OAK MEADOWS GOLF Addison, IL
April 13, 2009 <i>Monday</i>	<i>Crosslinkers by Archway Isocyanates by Bayer</i>	OAK MEADOWS GOLF Addison, IL
May 7, 2009 <i>Thursday</i>	CSCT ANNUAL AWARDS BANQUET	DRURY LANE THEATRE Oak Brook, IL
July 27, 2009 <i>Monday</i>	CSCT GOLF & TENNIS OUTING	ST ANDREWS GOLF West Chicago, IL
OAK MEADOWS GOLF CLUB & BANQUET FACILITY: 900 N Wood Dale Road, Addison Located at corner of 3rd Ave & Wood Dale Rd 1 mile West of Route 83, between Irving Park Road and Lake Street		

Other Industry events:

FSCT/NPCA Future Coat Chicago — October 14-16, 2008

CPCA Painted Ladies Award Dinner—Thursday, October 23, 2008

CPCA Golf Outing—Thursday, June 25, 2009

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