



MONDAY

NOVEMBER 3, 2008

Oak Meadows, Addison IL

5:00 Registration / Cocktails

5:45 Speakers

6:45 Dinner & Meeting

\$30 members with reservations

\$35 non-members and walk-ins

CHEMISTS FREE!!! (see p. 2)

Melamine Crosslinked Acrylic Coatings for Low Temperature Cure

Joel J. Gummesson, Ineos Melamines

Melamine acrylic technology has been used for decades in thermoset coatings including automotive base coats and clear coats. MF crosslinked coatings are most often limited to baking schedules above 80 to 100 degrees C.

Some traditional melamine crosslinkers have been used to achieve crosslinking at lower temperatures but only with very high levels of strong acid catalyst. These coatings have limited exterior durability, significant post-curing, and high levels of formaldehyde evolution.

Recent work has been done with optimized melamine structures allowing acrylic polyols to be crosslinked at temperatures below 80 degrees with reasonable levels of acid catalyst. This work will report on the latest results and include comparisons in cure performance with a wide range of traditional melamine crosslinkers. The results of this

work will be used to propose some key mechanisms for achieving low temperature melamine acrylic crosslinking.

JOEL J. GUMMESSON is currently a Technical Service Manager with Ineos Melamines based at the Indian Orchard Technical Center in Springfield, Massachusetts. He is a chemistry graduate of the University of Wisconsin-Parkside with graduate studies at the Milwaukee School of Engineering.

Mr. Gummesson has a broad background in coatings, includes the development of the first UV curable unsaturated melamine resin and crosslinker development for high solids and waterborne systems. His market area experience includes general metal, coil, wood, automotive, maintenance, and flooring coatings. He has held memberships with the American Chemical Society, Radtech, and the New England Society of FSCT. Mr. Gummesson has presented papers to the PMSE Division of the ACS, European Eurocoat Congress, and numerous FSCT meetings. In his most current assignment he provides technical support for Ineos Melamines which holds the former Melamine Crosslinker businesses of Monsanto, Solutia, Hoechst, and Vianova.

Silica Gels Technology

Wesley Robertson, PQ Corporation

Silica gels are an important formulation tool used in industrial coatings for reduction of gloss and creating a matte finish. Mr. Robertson will review the general chemistry of silica gels, matting and how it is measured. He will also provide useful formulation guidelines on how different properties of silicas influence matting performance and associated characteristics.

WESLEY ROBERTSON has been in the paint industry for 27 years holding various technical positions including positions with Sherwin Williams Company in Chicago, Illinois, Millennium Inorganic Chemicals in Baltimore, Maryland and Valspar Corporation in Kankakee, IL. In these positions, he gained extensive experience in formulation of High Solids, Polyester Coil, and Wood Coatings for many different industrial markets. He also has extensive experience in quality control.

Today, at PQ Corporation (formerly INEOS Silicas), Wes currently serves as Coatings Technology Manager for Surface Coatings and is responsible for Technical Support and Training for North America and the Asia-Pacific regions in the Coil, Wood and Powder Coatings Segments. He is also the Technical Contact Person for key accounts globally for surface coatings. Wes has a Bachelor of Science Degree in Chemistry and Biology.



Chemists are Free at our Technical Meetings!

If you work for a manufacturer of paint, coatings or inks you are the target audience for our monthly technical meetings. As such, you are cordially invited to join us for the evening free of charge. That's a \$30-\$35 savings to you or your company each time you attend!

Simply email your reservation to rmilano@fitzchem.com

WHAT A DEAL!

And speaking of reservations... make your reservation for next month's meeting by **Friday, October 31** and your name will be put in the hat for a \$25 gift card. *(You, too suppliers!)*

Did you Know?

Your modest membership dues could grow into several thousands of dollars for your child's future!

Each year the CSCT gives away **\$2,000 Merit Scholarships** to children or grandchildren of current CSCT members that are pursuing an education in the physical sciences.

AND . . . Together with the CPCA (Chicago Paint & Coatings Association) we give away **thousands more dollars**, regardless of the student's course of study.



That's a pretty good Return on Investment these days!!!

Did your son or daughter apply last year and not get selected?

Apply Again!! As long as the student still meets the requirements of each award they may continue to apply each year.

Did your son or daughter receive a scholarship last year?

Apply Again!! Your student is still eligible to apply for the scholarship they did not receive if they meet the requirements. *(Previous Merit Scholarship recipients may apply for the Joint Scholarship and vice versa)*

Applications for next year are now available on our website at www.chicagocoatings.org.

Recipients will be announced at our April 2009 meeting.

FutureCoat! 2008

October 14-16, 2008

Hyatt Regency McCormick Place — Chicago, IL

It's not too late to make plans to attend the industry's most recognized technical conference. For any chemist unable to attend the entire conference, the CSCT is sponsoring admission to the Table Top Exhibits on Wednesday evening. Simply fill in the form below and bring it to the FSCT registration desk at the show.

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



*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

FUTURECOAT 2008 CHEMIST ADMISSION *

Sponsored by:  **Chicago Society for
Coatings Technology**

Wednesday Table Top Exhibits

October 15, 2008, 4:30 pm—6:30 pm

Hyatt Regency McCormick Place, Chicago, IL

**Must be filled out & turned in to FSCT registration desk for a pass*

Attendee: (Please Print)

Name _____

Company _____

Email _____

New Members

- Christopher Anderson, Palmer Holland, Inc.
- Tony Cellucci, Bionomic Polymers, Inc.
- Greg Cornwell, Palmer Holland, Inc.
- Gary Daniels, Akzo Nobel Aerospace Coatings
- Rhonda Ellis, Sherwin Williams
- Timothy Fillingin, Hi-Mar Specialty Chemicals, LLC
- Kimberley Koenig, Ashland Distribution
- Robert Lidwin, Univar USA
- John McCoy, International Specialty Products (ISP)
- Larry Oien, Colorbiotics (Becker Underwood)
- Stewart Rissley, Premier Mill
- Ruth Charles, EP Minerals, LLC
- Michelle Bauer, Ace Hardware Paint Division
- Hattie Bender, Ace Hardware Paint Division
- Tanya Hunter, Ace Hardware Paint Division
- Mohamed Otry, Ace Hardware Paint Division

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

November 3, 2008 <i>Monday</i>	<i>Silica Gels Technology</i> by PQ Corporation <i>Melamine Crosslinkers</i> by Ineos Melamines	OAK MEADOWS GOLF Addison, IL
Friday, December 5	CPCA & CSCT HOLIDAY PARTY	HYATT Schaumburg
January 12, 2009 <i>Monday</i>	<i>Anticorrosive Pigments</i> by Halox	OAK MEADOWS GOLF Addison, IL
February 2, 2009 <i>Monday</i>	<i>Special Effect Pigments</i> by Ferro Pigments <i>Color Micacs</i> by EMD	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</i> by Archway <i>Isocyanates</i> by Bayer	OAK MEADOWS GOLF Addison, IL
Thursday May 7	CSCT ANNUAL AWARDS BANQUET	DRURY LANE Oak Brook
Monday July 27	CSCT GOLF & TENNIS OUTING	ST ANDREWS West Chicago
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		

LOOKING AHEAD—OTHER INDUSTRY EVENTS



October 14-16, 2008	FSCT FutureCoat	Chicago
October 23, 2008	CPCA Painted Ladies	Maggianos Schaumburg
February 2, 2009	AC Series: Concrete Coatings	Las Vegas NV
April 27-29, 2009	FSCT CoatingsTech Conference	Indianapolis
May, 2009	AC Series: Marine Coatings	Virginia Beach, VA
June 23-24, 2009	Coatings for Plastics	McCormick Place Chicago
Thurs, June 25, 2009	CPCA Golf Outing	Local
Sep 22-23, 2009	AC Series: Wood Coatings	Charlotte, NC
Oct / Nov 2009	Windy City Coatings Course	Local
April 2010	American Coatings Show	Charlotte, NC

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