



MONDAY
MARCH 2, 2009

Oak Meadows, Addison IL

5:00 Registration / Cocktails

5:45 Speaker

6:45 Dinner & Meeting

\$30 members with reservations

\$35 non-members and walk-ins

CHEMISTS FREE!!! (see below)

SOL-GEL CORROSION INHIBITORS

Tony Gichuhi, HALOX

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.

DR. GICHUHI earned his Ph.D. degree in Chemistry from Auburn University. He joined HALOX as Research & Development Scientist and then became Manager of their R&D Department. He is now the R&D and Technical Service Director. He is responsible for overseeing all technical service projects as well as spearheading new product development.

UV CURE COATINGS TECHNOLOGY: New Markets, New Oligomers and New Waterbased Polyurethane Dispersions

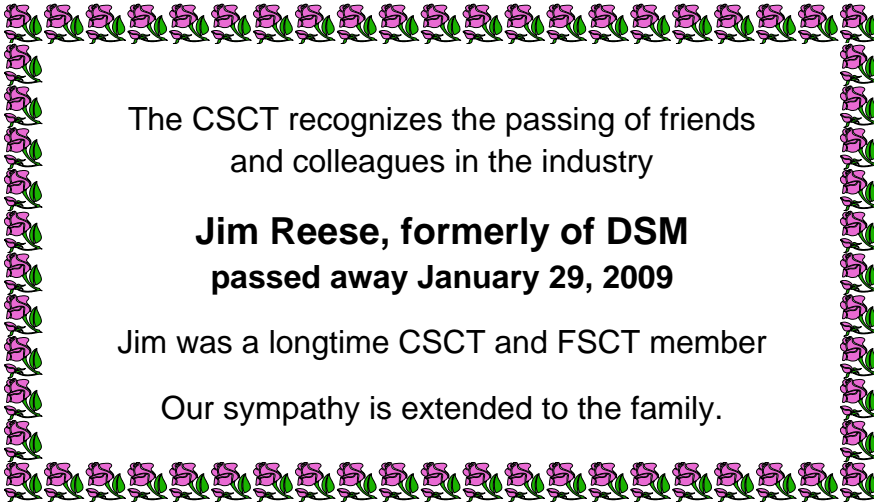
Mike Dvorchak, BAYER MATERIALSCIENCE, LLC

Ultraviolet (UV) curable coatings have experienced a 7-8 % growth in many coatings markets. It has become the current choice of formulators who are trying to meet the needs of government mandated VOCs and HAPs. Also the price of natural gas has led to a greater interest in UV technology due to the high cost of heating heavy substrates to cure and dry the conventional coatings.

The presentation will spell out some of the new and unique areas that UV technologies are having their greatest thrust into the current coatings markets. The new market thrust areas will include: UV A composite repair, DTM applications, UV elastomers, UV A automotive clear coats and primers, UV A aerospace coatings, UV PUDs for plastic hard coats and soft touch applications. In addition, new UV A LED and fluorescent UV A light sources will be discussed.

MIKE DVORCHAK is Strategic Technology Manager for UV Cure Oligomers and PUDs at Bayer. He has received nine patents, written over 14 peer reviewed papers, and was a course instructor for polyurethane dispersions, polyurethane chemistry and spray application at the ICE Conference and High Solids Waterborne Conferences.

He has received the prestigious US Presidential Green Chemistry Award for work that was done on the ultra low VOC, HAPS 2K Water Polyurethanes that were developed for the wood coatings market. Mike has been on the Board of Directors of RADTECH NA since Jan 2005.



The CSCT recognizes the passing of friends
and colleagues in the industry

**Jim Reese, formerly of DSM
passed away January 29, 2009**

Jim was a longtime CSCT and FSCT member

Our sympathy is extended to the family.



It's Scholarship Time!

***Application Deadlines:
March 20, 2009 and April 3, 2009***

Applications are now being accepted for **\$2,000 Merit Scholarship** awards to children or grandchildren of current CSCT members that are pursuing an education in the physical sciences, and for the CSCT/CPCA **Joint Education Fund Scholarship**, regardless of the student's course of study.

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

Did your son or daughter receive a scholarship last year?

Apply Again!! As long as the student meets the requirements of each award they may continue to apply each year until or unless selected. AND your student is 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 are now available on our website at www.chicagocoatings.org.

Recipients will be announced at our April 2009 meeting.



***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

New CSCT Members

Mr. Peter Berezuk / Aurora Specialty Textiles Co.

Dr. Joseph Valcho / Novolyte Technologies

Peter and Joseph will be welcomed and their membership made official at our March 2, 2009 meeting.

Nominations now being accepted for the Warren C. Ashley Outstanding Service Award

This award is presented to an outstanding current CSCT member who has contributed to the advancement of the CSCT or the protective coatings industry of the Chicago area.

Nominations may be made by any 5 current members of the CSCT, and should accompany a resume of the achievements of the candidate. The nomination form is located on our website. www.chicagocoatings.org

Candidates will be voted on, by secret ballot, by the Executive Committee of the CSCT at our April 13, 2009 board meeting and the award will be presented at our annual awards banquet on Thursday, May 7, 2009.

Nomination Deadline: Friday April 3, 2009

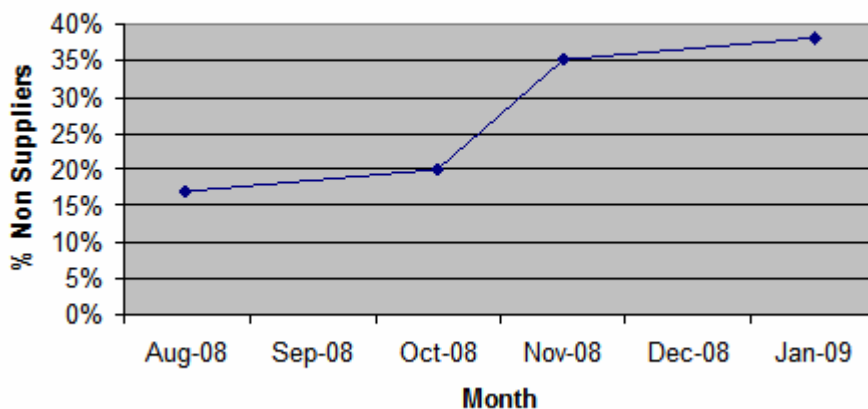


Forward your nomination to:
Mary Seffrood Milinko, 1st Past President
Micro Powders, Inc.
1663 Apple Tree Lane
West Chicago, IL 60185
phone: (630) 484-3810
email: mmilinko@micropowders.com

Manufacturers are **Free** at our Technical Meetings

If you are in a technical role at 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**.

Manufacturers Attendance At Monthly Meetings



That's a \$30-\$35 savings to you or your company each time you attend!

Simply email your reservation to
rmilano@fitzchem.com

Make your advanced reservation for the March 2 meeting by
Friday, February 27, 2009 and your name will be put in the hat for a \$25 gift card.

C/O PATRICK HERATY
Evonik-Tego
1763 Flagstone Lane
Aurora, IL 60502

CSCT 2008-2009 Calendar of Events

March 2, 2009 <i>Monday</i>	Anticorrosive Pigments: Tony Gichuhi, Halox UV Resins: Mike Dvorchak, Bayer	OAK MEADOWS GOLF Addison, IL
April 13, 2009 <i>Monday</i>	Crosslinkers presented by Archway Isocyanates presented 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



April 27-29, 2009	FSCT: CoatingsTech Conference	Indianapolis, IN
May, 2009	AC Series: Marine Coatings	Virginia Beach, VA
June 2-4, 2009	PCI Magazine: Coatings for Plastics	Lombard, IL
June 17, 2009	CPIPC: Golf Outing	St. Andrews-West Chicago, IL
June 23-24, 2009	FSCT: Coatings for Plastics at NPE	Chicago/McCormick
Thurs, June 25, 2009	CPCA: Golf Outing	Local
Sep 22-23, 2009	AC Series: Wood Coatings	Charlotte, NC

Future Planning:

April 2010	American Coatings Show	Charlotte, NC
Fall 2010 or Fall 2011	CSCT: Windy City Coatings Course	Local
Spring 2011	CSCT: SYMCO	Local

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