

Chicago Society *for* NEWS *Coatings Technology*

Member of Federation of Societies for Coatings Technology

October 2004

www.chicagocoatings.org

Volume 8, Issue 2

Monday, October 11th Doubletree Hotel Chicago/Alsip

(formerly the Radison) 5000 West 127th Street, Alsip, Illinois 60803 (707)-371-7300

5: 30 P.M. Cash Bar • 6 : 00 P.M. Speaker • 7 :00 P.M. Dinner

Matthew S. Sheridan, Ph.D. • *Ashland Specialty Chemical Company*

FlexCure™ Energy Curable Acrylic Oligomer Technology

FlexCure is a new family of UV curable acrylic oligomers that has been developed by Ashland Specialty Chemical Co. The versatility of the chemistry utilized to produce these materials allows for tailored oligomer structures to meet the performance needs of a wide variety of coating and ink applications. Through choice of building blocks and process, oligomer composition, functionality, molecular weight, and architecture can be widely varied and readily controlled. The oligomers are also inherently photoactive - UV cure can be accomplished with equal or less UV energy than required for standard formulated products, often with no added photoinitiator.

Products have been specifically designed which exhibit excellent performance in graphic arts applications. This includes materials with excellent pigment wetting characteristics which function as a single component dispersion or let-down vehicle for different pigments as well as different graphic arts application methods such as screen, flexographic, and lithographic printing. The inherent photoreactivity enables ink formulations made from the dispersions to cure under standard UV-cure conditions with significantly less photoinitiator than conventional UV formulations. Low odor, low migration systems with high photoreactivity have been developed for overprint varnish applications. Also, products have been developed to meet the needs of coatings for plastics and metal applications which show good weatherability and performance characteristics.

Matthew S. Sheridan, Ph.D., Product Manager Ashland Specialty Chemical Company.

B.S. Chemistry - Gannon University, Erie, PA - 1987

M.S. Chemistry - John Carroll University, Cleveland, OH - 1990

Ph.D. Polymer Chemistry - Virginia Tech - Blacksburg VA - 1993

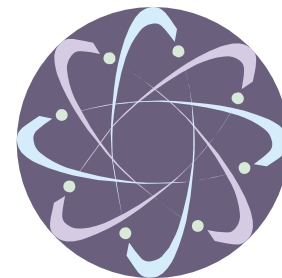
MBA - Capital University, Columbus, OH - 2001

Ashland Specialty Chemical Company

Research Chemist - Foundry Products Division - 1993 through 1996

Research Chemist - Technology Discovery Group - 1996 - 2000

Product Manager - Commercial Development - 2000 - present



The CSCT Technical Committee will present the 2004 ICE Poster/Paper this night.

Upcoming Events

October 11
Ashland Specialty Chemical
FlexCure Oligomer Technology
Doubletree Hotel Chicago/Addison

October 27-29
ICE FSCT-CSCT
Chicago IL
McCormick Place

November 8 (Spouse Night)
DuPont Specialty Colorants & Additives
Nanoparticle Technology
Steven's Steak House - Wine Tasting Night



Getting it Straight

Society Notes & Changes

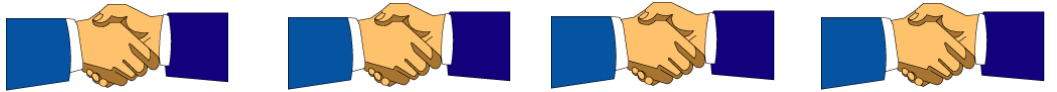
Bring Your Spouse to the November 8th meeting at Steven's Steakhouse. It will be Wine Tasting Night, too!

Get more information about CSCT news and events at

www.chicagocoatings.org

New Members for September

E. Dan Butkuss - *Chidley and Peto Company*
 David Gellert - *Sherwin Williams Company*
 Merle Houck - *Roman Decorating Products*
 Steve Sawar - *Matthews Paint Company*



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
 Claredon, IL 60514
 630-323-6474

evansangelos@comcast.net

2004 CSCT/CPCA Holiday Party

Friday, December 3

6pm

Hyatt Lodge at The McDonald's Campus
 Oakbrook, Illinois

Make your reservations today by calling Brenda at
 847-755-9850.



October 27-29, 2004
McCormick Place

<http://www.coatingstech.org/Programs/ICE.html>



Dinner Selections for October 11th:

Blue cheese New York Strip Steak • Chicken Parmesan • Pasta Primavera

E-mail your dinner reservation to: hwaltenspiel@nevchem.com

Please provide name, number of guests attending, and dinner selections by 9/30/04.

Cost for Dinner - at the door: \$25 for members, \$30 for Non-Members and Walk-ins.



The Chicago Society for Coatings Technology and the Chicago Paint & Coatings Association will conduct a coatings course in 2004/2005.

The full program information is available online at www.chicagocoatings.org. Space is still available for the remaining classes. Your company's participation is encouraged. The coatings course is presented in two sessions. The first session is an introductory course that has been designed for individuals seeking cursory knowledge of coating's processes and raw materials. The second session will present advanced coating's topics, which are intended for chemists, technicians and technical sales personnel with some experience in the coatings field. The coatings course will be held on Wednesday evenings beginning in February. Each session will be eight weeks in length. Session I will be from September 8 through November 3, 2004 and Session II from January 19 through March 9, 2005. The sessions will be conducted at DePaul University's Rolling Meadows Campus. Proceeds from this event will be used to fund CSCT / CPCA joint scholarships. The course fee for each session is \$400. The course fee for the combined sessions is \$700. For more detailed course information and enrollment forms contact the CPCA Executive Office at (847) 755-9850. For fast response E-mail: director@chicagopaint.org

CSCT/CPCA Joint Education Course 2004-2005

Session I - *Introduction to Coatings* • September 8-November 3, 2004

Session II - *Advanced Coatings* • January 19-March 9, 2005

DePaul University - Wednesday evenings

The Meadows Corporate Center - East Tower

2550 W. Golf Road, Suite 255

Rolling Meadows, IL 60008

Sponsored by the Joint Education Committee of the CSCT/CPCA

Contact:

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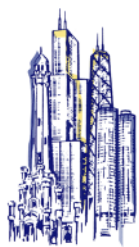
mcwright@troycorp.com

Session I

1. September 8 – Introduction to Coatings
2. September 15 – Resin Technology
3. September 22 - Pigments
4. September 29 – Fluids (Water & Solvents)
5. October 6 - Additives
6. October 13 – Properties & Formulation
7. October 20 – Manufacture & Application (Incl. QC)
8. November 3 – Emerging Trends & Coatings Careers

Session II

1. January 19 – Experimental Design & Advanced Formulation Tools
2. January 26 – Compliant Technologies (WB & High Solids)
3. February 2 – Compliant Technologies II (Powder & Radiation Curables)
4. February 9 – Coating Defects and Troubleshooting
5. February 16 – Advances in Color Technology and Dispersion
6. February 23 – Crosslinking and Catalysis
7. March 2 – Accelerated Testing and Durability
8. March 9 – Industry Challenges



Chicago Society for
Coatings Technology
c/o HERB WALTENSPIEL
Neville Chemical Company
4830 Castaway Ln.
Hoffman Estates, IL 60010

Reminder:
Dinner reservations due 9/30
to Herb Waltenspiel 847.202.9028
hwaltenspiel@nevchem.com

CSCT Calendar of Events 2004-2005

August 30, 2004	Ciba Specialty Pigments	Steven's Steak House
September 8	CSCT/CPCA Joint Education Course Session I - Introduction to Coatings	DePaul - Rolling Meadows Every Wed. through November 3
September 13	CSCT Golf/Technical Meeting UV Coatings - Ashland Chemical	River Bend Golf Course Lisle, Illinois
October 11	CSCT ICE Paper + Ashland Chemical	Doubletree Hotel Chicago/Addison
October 27-29	ICE FSCT-CSCT Chicago IL	McCormick Place
November 8	DuPont Specialty Colorants & Additives - Nanoparticle Technology	Steven's Steak House Spouse Night and Wine Tasting Night!
December 3	Joint CPCA/CSCT Holiday Party	Hyatt Lodge, Oakbrook
January 10, 2005	Clariant Pigments	T.B.D.
January 19	CSCT/CPCA Joint Education Course Session II - Advanced Coatings	DePaul - Rolling Meadows Every Wed. Through March 9
February 7	Sartomer - U.V.	T.B.D.
March 7	UCB - Additives	Raddison Hotel
April 4	Neville - New Resins for Coatings	T.B.D.
May	Awards Banquet	Drury Lane - Oakbrook
July 25	2005 CSCT Golf & Tennis Outing	St. Andrews GC/ Forest View RC



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