

Chicago Society *for* NEWS Coatings Technology

Member of Federation of Societies for Coatings Technology

February 2004

www.chicagocoatings.org

Volume 7, Issue 5

Monday, February 2nd • Steven's Steak House

We will have a Wine Taste before the speaker at Stevens. The Wine Taste will start around 4:30 P.M. with a small talk about the wines.

Dan Pourreau - Lyondell Chemical Company

New Resin Technologies for High Performance Coatings

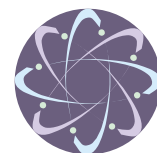
Regulatory agencies continue to reduce the allowable VOC content limits of coatings. The latest round of Architectural and Industrial Maintenance rules essentially ban the use of solvent-borne alkyds for several coating categories and make it increasingly difficult for solvent-borne acrylic urethanes to both comply and perform. A number of high solids and waterborne technologies have been developed but are often found lacking in one or several areas, namely performance, cost, or productivity. The US EPA has also made it much more difficult to add solvents to the list of exempt compounds and is unlikely to revise its VOC policy in the near future.

In response to these challenges, we have developed a new class of high solids acrylic polyols with significantly improved properties at low VOCs and high solids alkyd resins with improved dry times, hardness, and humidity resistance. We will describe these new resin technologies and illustrate their benefits in compliant coatings for the architectural, industrial maintenance and OEM markets. We will also introduce a new polymeric dispersant for water based coatings and inks.

Dan Pourreau is currently a senior research advisor at Lyondell Chemical Company, previously ARCO Chemical company. He is responsible for new product development, applications development, and technical service for the coatings market.

He has held several positions at Lyondell and ARCO Chemical including research chemist, technical service manager, product R&D manager, and business development manager. Prior to joining Lyondell Chemical, he worked for Amoco Chemicals in Naperville, IL.

Dan holds a Ph.D. in Chemistry from Penn State University. He has co-authored 17 US patents, numerous articles, and two book chapters.



CSCT MEETINGS:

(Information 847.202.9028)

4:30 WINE TASTE

5:45 SPEAKER

6:45 DINNER

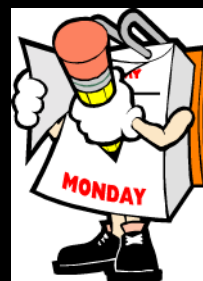
Steven's Steak House

476 N. York Rd., Elmhurst, IL

Upcoming Events

February 2, 2004
Lyondell Chemical
Steven's Steak House

February 12, 2004
SYMCO
Drury Lane



March 1, 2004
Eastman Chemical
Radisson Hotel on 127th
off I - 294

April 5, 2004
EFKA Additives
Steven's Steak House

Final Symco '04 Program

Time	Session A	Session B
8:00	Introduction	
8:15	Romesh Kumar , Clariant Corp <i>Lead-free Pigmentation of Paints: Possibilities and Limitations</i>	Dave Natalino , Pargreen <i>Filtration For The Coatings & Ink Industries</i>
8:30		
8:45		
9:00	Jos de Wit , Eastman <i>Technology and Uses for CAB in Coatings</i>	Mike Wildman , EPS <i>Introduction to Exterior Exposure</i>
9:15		
9:30		
9:45	Morning Break	
10:00	Sponsored by Eastman Chemical Company	
10:15	Technical Showcase	
10:30	Ray Ronda , Illinois Waste <i>Management Resource Center New Proposed Air Regulations</i>	Paul Kappock , Arch Chemical <i>Low VOC Fungicides</i>
10:45		
11:00		
11:15	Timothy Gallagher , Efka Additives <i>Fundamentals of Additive Technology</i>	Bob Schiller , Formerly of Kerr McGee <i>TiO₂ Pure and Simple</i>
11:30		
11:45		
12:00	Lunch	
12:15	Technical Showcase	
12:30		
12:45		
1:00		
1:15	Ranae Anderson , Eastman <i>Solvent Technology 101</i>	Nicholas Wood , Tego Chemie <i>Defoamers, Surfactants, Substrate Wetting</i>
1:30		
1:45		
2:00	Thomas Donnelly , Peak Process, LLC <i>Design of Experiment, Part 1</i>	John Ballard , Burgess <i>Functional Specialty Kaolin Pigments</i>
2:15		
2:30		
2:45	Afternoon Break	
3:00	Sponsored by MD Both	
3:15	Technical Showcase	
3:30	Thomas Donnelly , Peak Process, LLC <i>Design of Experiment, Part 2</i>	Max Hui , MD Both <i>The Application of Metallic Pigments in Coatings</i>
3:45		
4:00		
4:15	Patrick Laine , Byk Chemie <i>Theory and Application of Wax Additives</i>	Philippe Deligny , Surface Specialties UCB <i>Waterborne Alkyd and Epoxy Chemistry</i>
4:30		
4:45		
5:00	End of program	

Warren C. Ashley Outstanding Service Award

This award honors Active/Associate members who through their talents, knowledge, dedication service, and energy have contributed to the advancement of the CSCT or the protective coatings industry of the Chicago area. The membership is encouraged to nominate deserving members for consideration of this distinguished award. Candidates must be selected by five full members of the CSCT. A brief history and accurate resume of the achievements of the nominee should accompany the nomination form.

Contact Gerry Cuca at 708-651-6311 to receive a nomination form.

Nominations are due by March 4, 2004.

SCHOLARSHIP INFORMATION

Note: There are separate applications for each of the two types of scholarships.

A. Joint CPCA/CSCT Scholarship

College scholarship applications are now available for a child of a current member of the CPCA or the CSCT. To be eligible, the student must be in good standing at the school they are attending.

Applications are available from
Greg McWright • 973-443-4200 Ext. 3247
Applications must be received by **April 6, 2004**

B. Merit Scholarship

The CSCT is pleased to announce that Grant In Aid applications are now being accepted for two \$2,000 scholarship awards for students majoring in math, computer or physical science. Current membership for a minimum of 2 years allows a CSCT members' child to apply for the Grant In Aid.

The recipient should be either a high school senior or undergraduate student, who has an excellent academic performance and dedicated service to their community. The criteria for selecting the winners are letters of recommendation, course transcripts, and an essay.

Applications and further information is available from
Thor Jondahl, Ph.D. INX Corp. 630-681-7100 / 630-681-7199
Application Deadline is **April 6, 2004**

Dinner Selection for February 2nd: Family Style & Vegetarian

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

Please provide name and number of guest attending by 1/30/04 .

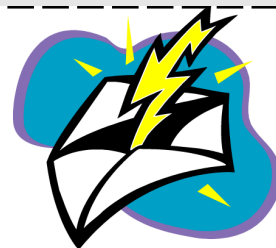
Cost for Dinner - at the door: \$25 for members, \$30 for Non-Members and Walk-ins.

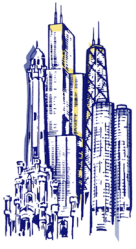
E-mail this to Herb Waltenspiel at hwaltenspiel@nevchem.com

I WILL ATTEND AND BRING _____ GUEST(S) FOR DINNER February 2nd

DINNER SELECTION: Family Style Vegetarian

NAME _____ COMPANY _____





Chicago Society for
Coatings Technology
c/o John Cox
Sherwin-Williams
549 E. 115th Street
Chicago, Ill 60628

Reminder:
Dinner Reservation response due by 1/30/04

CSCT Calendar of Events 2003-2004



November 3 John Du - Byk - Chemie USA Steven's Steak House

December 5 CPCA / CSCT Joint Holiday Party Oakbrook Marriott

January 5, 2004 Velsicol Chemical Steven's Steak House

February 2 Lyondell Chemical Steven's Steak House

February 12 SYMCO Drury Lane

March 1 Eastman Chemical Radisson Hotel on 127th off I -294

April 5 EFKA Additives Steven's Steak House

May Awards

July 26 Golf/Tennis Outing St. Andrews/Forest View



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