

Chicago Society *for* NEWS Coatings Technology

Member of Federation of Societies for Coatings Technology

August 2001

www.chicagocoatings.org

Volume 5, Issue 1

CSCT MEETINGS:

(Information 630.891.7102)

5:00	CASH BAR
6:00	SPEAKER
7:00	DINNER

Greek Islands Restaurant
300 E. 22nd St.; Lombard, IL

Monday, August 27th Greek Island Restaurant

“The Birth of a New Defoaming Molecule”

Ron Broadbent-Cognis

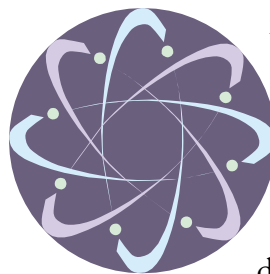
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ince the beginnings of aqueous processes (paper making, food processing) and the development of waterbased coatings (house paints after WWII), foam has been a problem and has been treated using several conventional defoamer technologies. Most commonly, an insoluble low surface tension liquid (e.g., mineral oils, silicone oils, marginally soluble nonionic surfactants) has been used. These were often enhanced through the addition of hydrophobic solids such as treated silica and ethylene bis-stearamide (EBS) wax. A third approach, pioneered by Cognis and used to a limited

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on Broadbent is a Senior Technical Service and Development Chemist for Cognis Corporation in Additives for the Coating and Inks Group. He has been involved in research, development and technical service functions in water based coatings for over 25 years. His experience spans from basic research in emulsion polymerization to novel self depositing coatings. For the last 10 years his focus has been on additives for the water based coatings industries; more specifically, associative thickeners and defoamers. He is coinventor of a new series of molecules which are currently being introduced to the industry for defoaming various water based systems. Ron has been awarded 11 U.S. patents and has had 2 technical articles published.

extent in combination with the first two, involved the use of what has been termed "antagonistic surfactants". A major new breakthrough has been achieved in the realm of this third mechanism with the synthesis of a new class of defoaming molecules. This paper will review the state of the art in defoaming prior to this development (in terms of defoamer theory and application) and then proceed to discuss this new class of defoaming molecules, generally described as hyper-branched polymer technology. The impact on the defoaming of paints and coatings by this new chemistry, which contributes properties previously unachievable, will then be examined.



Upcoming Events

August 27, 2001

“New Defoamers”

Cognis Corporation

Greek Islands Restaurant, Lombard, IL

October 1, 2001

“Formulating for Improved Color Acceptance”

Steven’s Steak House

476 N. York Rd., Elmhurst, IL

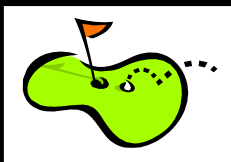
November 12, 2001

**“Coalescent Formulation Studies:
Efficiency and Partition Rates”**

Greek Islands Restaurant, Lombard, IL

December 7, 2001

Joint CPCA/CSCT Holiday Party
Oakbrook Marriott



July 22nd, 2002

Golf & Tennis Outing
St. Andrews

Getting it Straight

Society Notes & Changes

1.) Please send in your reservation cards for the dinner meetings. Then if you send the card, please stay for dinner. Previously several people left before dinner. The CSCT is responsible for these dinner costs

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Golf & Tennis Outing 2001

Many thanks to the 218 CSCT members and guests who participated in our annual golf and tennis outing.

Low Gross Winner: *Jay Becker* - Trophy by Brandt Technologies
Low Net Winner: *Art Fox*- Trophy by Harcros Organics
Most Honest Golfer: *Jim Podeorny*- Trophy by Sacco Mid-States
Tennis Flight A: *Jim Julian*
Tennis Flight B: *John Zimmerman*
Tennis Flight C: *Jeff Chiu/Dick Greenwald*



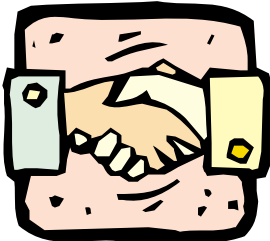
Tennis Trophies by Kraft Chemical

2001 Golf/Tennis Sponsors

Adheron Coatings Corp.	Mid-States Slurry
BASF Corporation	Millennium Inorganics
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Ciba Specialty Chemicals	Rockwood Pigments
Cognis	Sacco Mid-States
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Jensen Souders Assoc., Inc.	
Kronos, Inc.	
LA CHEMICAL	
Meridian Sales, Inc.	

Please visit our web site at www.chicagocoatings.org

CSCT Member Candidates for August 2001

John Caporaso Abatron Inc.	Alfred Smith WR Grace	Toni Griffin Halox	Bruce Holly Degussa	Michael Augustyn Halox
Diane Tramontana Rhodia				Paul Welonek ITW

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:
Vic Willis
3149 Bending Creek Trail
Crete, IL 60417
708-672-7043

Something New!!
Dinner Reservations By E-Mail
You can now e-mail your dinner selection to: gcuca@earthlink.net
Please provide name and number of guest attending by 8/20/01.
Dinner Selection for the 27th: Chicken or Seafood

OR, FAX THIS TO: (847)-364-1395

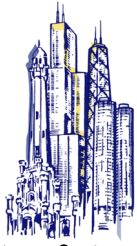
I WILL ATTEND AND BRING _____ GUEST(S) FOR DINNER AUGUST 27th

DINNER SELECTION:

- CHICKEN
- SEAFOOD

NAME _____

COMPANY _____



Chicago Society for
Coatings Technology
209 Brett Court
Arlington Heights, IL 60005
www.chicagocoatings.org

Reminder:
Dinner Reservation response due by 8/20/01

CSCT Calendar of Events 2001-2002

	Aug. 27th	Ron Broadbent	Cognis Corporation	Birth of New Defoamer Molecule
	Oct. 1st	Mr. Steve Korenkiewicz	Color Corporation	Formulating for Color Acceptance
	Nov. 12th	William Arendt	Velsicol Chemical Corp.	Coalescent Formulation Studies
	Dec. 7th	CPCA/CSCT Joint Holiday Party	Mystery Dinner Theater	Oakbrook Marriott
	Jan. 7th	TBA		
	Feb. 4th	Mr. James Papenfus	BF Goodrich	TBA
	March 4th		DuPont	The US and World Economy
	Apr. 8th	Dan Porreau	Lyondell	VOC Compliant Solvents
	Apr. 26th	---Awards Banquet---		Drury Lane, Oakbrook Terrace
	July 22nd	Golf & Tennis Outing		St. Andrews

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