

Chicago Society *for* NEWS Coatings Technology

Member of Federation of Societies for Coatings Technology

November 2001

www.chicagocoatings.org

Volume 5, Issue 3

CSCT MEETINGS:

(Information 708-651-6311)

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

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

Upcoming Events

November 12, 2001

**"Coalescent Formulation Studies:
Efficiency and Partition Rates"**

William Arendt - Velsicol Chemical Corp.
Greek Islands Restaurant, Lombard, IL

December 7, 2001

Joint CPCA/CSCT Holiday Party
Oakbrook Marriott

January 7, 2002

"Matting of VOC Compliant Coating Technology"

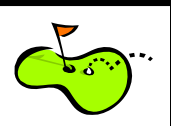
Alfred Smith - W.R. Grace
Steven's Steak House

January 21, 2002

Symco

March 4, 2002

Joint Meeting Chicago Ink
"USA and World Economies"
Robert Fry - Dupont Corp.

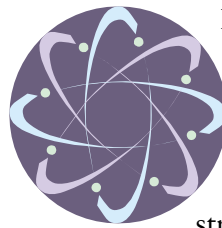


July 22nd, 2002
Golf & Tennis Outing
St. Andrews

Monday, November 12th Greek Islands Restaurant

"Coalescent Formulation Studies: Efficiency and Partition Rates"
William Arendt and Arron Strepka: Velsicol Chemical Corporation

2-ethylhexyl benzoate (2EHB) was recently introduced to the coatings industry as a low odor, low volatility coalescent. The original architectural paint data indicated that 2EHB is an effective coalescent for latex paint, and some of the data indicated that 2EHB is more efficient than the 2,2,4-trimethyl, 1-3-pentanediol monoisobutyrate (TMB). This initial efficiency data suggested the need to better define the apparent efficiency of 2EHB, factors affecting efficiency and its measurement. It was decided to measure efficiency performance in paint as opposed to measurements in neat emulsions. The primary yardstick tests chosen were low temperature coalescence (by porosity determinations and visual assessment), scrub resistance (room temperature and low temperature dry), and low temperature touch up. The efficiency data developed confirms that overall 2EHB is about 25% more efficient than TMB. However, differences in formulations sometimes hide these efficiencies.



For example, it was difficult measure efficiency in high PVC flats beyond. Also, in some high Tg polymers, the partition rate of 2EHB was slower than TMB's. This fact can mask efficiency. The chemical nature of 2EHB is different from the TMB and this difference, in a few instances, may require different formulation or processing strategies.

Understanding of performance differences is necessary to fully exploit B's potential as an efficient latex paint coalescent. Guidelines on maximizing the efficiency of 2EHB as a coalescent will be presented.

NEW CSCT MEMBERS TABLE

All new incoming CSCT members are being asked to join Tim Wheeler, Membership Chair and other new members at the same table(s). Also each member in attendance will be eligible for a special raffle prize drawn after the dinner. For current CSCT members please welcome your new associates into our organization.



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

CSCT EXECUTIVE COMMITTEE

PRESIDENT
Thor P. Jondahl

VICE PRESIDENT
Gerry Cuca

SECRETARY
John Cox

TREASURER
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MEMBERSHIP CHAIR
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Nancy Lindquist - Tom Yokoyama

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Herb Waltenspiel

BYLAWS COMMITTEE CHAIR
Bill Bellman

25 & 50 YR CLUB CHAIR
Victor Willis

YEARBOOK CHAIR
Alison Azar

ASSOCIATE REPRESENTATIVES
Robert Ruda
Daryl Luxmore

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 active members of the CSCT. A brief history and accurate resume of the achievements of the nominee should accompany the nomination form. Contact Mike Beland at 630-627-9811 to receive a nomination form. **Nominations are due by March 4, 2002.**

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

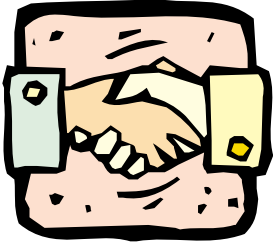
You can now e-mail your dinner selection to:
gcuca@earthlink.net

Please provide name and number of guest attending by
11/05/01.

Dinner for 11/12/01:

Greek Family Style

CSCT Member Candidates for October 2001

<p>Gary Linden Henkel Surface Technologies Active</p>	<p>Wylie Wetzel Essential Industries Active</p>	 <p>Ted Heath Faux Products Active</p>	<p>Kent Ellis Valspar Corp. Active</p>	<p>Rebecca Bernardoni EM Industries Active</p>
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**CPCA & CSCT
WHO DUNNIT
MYSTERY NIGHT**

at the
MARRIOTT OAK BROOK
1401 West 22nd Street
Oak Brook, Illinois
630-573-8555

Friday, December 7th, 2001
6:00 p.m. Reception
7:00 p.m. Dinner
8:00 p.m. Sleuthing Begins



This year the joint CSCT/CPCA Holiday Party and Dinner will host a Who Dunnit Mystery Dinner on Friday December 7th at the Marriot in Oakbrook. This is your opportunity to be part of or form your own detective agency (table) for the event.

You will be part of many agencies vying to solve a murder that will include a group of suspects from within the society and the association. This is sure to be a night of fun as you work with your fellow guests in solving the mystery which is an interactive event centered around our industry.

If you have been to one, you know what we are talking about. If not you will be talking about it for sometime. So come join us for an unforgettable event and dinner.

For dinner reservations by Fax, FAX THIS TO: (847)-364-1395

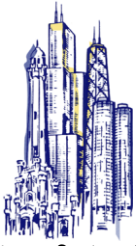
I WILL ATTEND AND BRING _____ GUEST(S) FOR DINNER November 12th

DINNER:

GREEK FAMILY STYLE

NAME _____

COMPANY _____



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

Reminder:
Dinner Reservation response due by 11/05/01

CSCT Calendar of Events 2001-2002

Nov. 12th	William Arendt	Velsicol Chemical Corp.	Coalescent Formulation Studies
Dec. 7th	CPCA/CSCT Joint Holiday Party	Mystery Dinner Theater	Oakbrook Marriott
Jan. 7th	Alfred Smith	W.R. Grace	Matting of VOC Compliant Coating Technologies
Feb. 4th	Mr. James Papenfus	BF Goodrich	TBA
Feb. 21st	Symco		Drury Lane Oakbrook
March 4th	Robert Fry	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

CSCT OFFICERS 2001-2002

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