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.
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

Gary Linden  
Henkel Surface Technologies  
Active

Wylie Wetzel  
Essential Industries  
Active

Ted Heath  
Faux Products  
Active

Kent Ellis  
Valspar Corp.  
Active

Rebecca Bernardoni  
EM Industries  
Active

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_____________________________________________
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

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Society Representative
NATU PATEL
Ace Paint Division
21901 S. Central Ave.
Matteson, IL 60443
708-620-0600

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