



MONDAY
JANUARY 7, 2008

Oak Meadows, Addison IL

5:00 Registration
and cocktail hour

5:45 Speakers

6:45 Dinner & Meeting

\$30 members with reservations

\$35 non-members and walk-ins

Christopher Howard, TEGO ADDITIVES

High Performance Wetting and Dispersing Additives

APE or APE-Free, Inorganic or Organic Pigments, Solvent, Water, or UV technologies, Binder-Containing or Binder-Free...the list goes on. There are numerous factors in determining how to properly formulate a coating, ink or dispersion. This presentation will discuss different wetting and dispersing technologies with regard to formulating for pigment types, proper dispersion methods, types of dispersing chemistries, and how to formulate for the proper binder whether it is solvent, water, UV, or a true binder-less system.

Chris Howard joined Tego in January 2006 as a senior technical service chemist for the wood coatings and protective coatings technologies. Chris has since been promoted to the Technical Service Group Leader position where he oversees the North American technical service laboratory. Chris graduated with a B.S. in Polymer Science from the University of Southern Mississippi in 1996. He has coauthored several papers including a presentation at the High Solids and Waterborne Symposium on waterborne acid catalyzed kitchen cabinet coatings.

Alfred E. Smith, GRACE DAVISON

Synthetic Amorphous Silica Matting Agents for Burnish, Mar and Scratch Resistant Properties

The mechanism for addressing burnishing, mar and scratch resistant properties in low gloss solventborne and waterborne coating technologies is well understood in that it relies on incorporating a particulate matting agent into the coating with specific unique properties e.g., silica morphology or specialized treatments. Film shrinkage, resulting from volatile component evaporation, enables the particulate to create a microrough surface. Advanced silica technology with sophisticated surface modifications has resulted in development of different synthetic amorphous silicas that are capable of addressing burnish, mar and scratch resistant phenomena.

This presentation reviews and addresses the issues of matting solventborne and waterborne chemistries utilizing advanced silica technologies with modified surface modifications. General improvements include: abrasion resistance, polishing/burnishing resistance, as well as chemical resistant properties. This presentation also evaluates the difficulties associated with matting various compliant technologies e.g., waterborne. Producing a matte effect in waterborne systems, especially low gloss systems of 10 degrees or less, can produce cured film defects that may require the addition of unnecessary additives. The incorporation of Hydrated silicas in powder form eliminates the need for high-speed dispersion, eliminates the dusting phenomena in the manufacturing process associated with pigments (addressing safety and static issues), provides ease of incorporation in adjusting final glosses without foaming and improves burnishing and mar resistant properties of the final coat.

Alfred E. Smith, with 38 years of coatings application experience, has been responsible for providing focused technical support and assistance to W.R. Grace, GRACE Davison's coatings customer base as their Technical Customer Service Manager-Coatings within the States and Canadian sales territory for the past eight (8) years. Prior to joining the GRACE Davison organization, he was employed with Morton International (BASF), Batavia, Illinois after ten (10) years as a Senior Chemist, Technical Service Representative and Technical Manager-Coatings. Spent twelve (12) years with DeSoto, Inc. in Des Plaines, Illinois as a Senior Research Chemist for waterborne and solventborne coil coatings applications, obtaining a co-patent for developing low cost water reducible vinyl acetate copolymers for coil coatings to reduce costs and VOC. Also spent eight (8) years with Cook Paint & Varnish (CCP), Detroit, Michigan as a formulating waterborne Coil Coating Chemist and as a Technical Service Representative for all coil-coating applications.



it's not too early to be thinking about your child's college education

In the coming months we will once again be soliciting candidates for both our CSCT Merit Scholarship,



Make your dinner meeting reservations for 2/4/2008 to Jim Donovan (708) 647-7660

Or sign up & pay online at www.chicagocoatings.org

NEW MEMBER

Mr. Esin Busche
The Dow Chemical Company
Buffalo Grove, IL



*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
Clarendon, IL 60514
(630) 323-6474
evansangelos@comcast.net

Scholarship Application Deadline

MARCH 14, 2008

Information & application available online
www.chicagocoatings.org



Save the Date

Thursday, May 8, 2008



*Watch for more announcements about this year's
Awards Banquet at Drury Lane, Oakbrook*

Join today - give your child the advantage of your CSCT membership!
and the CSCT and CPCA joint scholarship. *Parents or grandparents must be a member of the CSCT or CPCA.*



Symco

2008

THURSDAY
February 7



Clean and Green



Table top space \$475 includes lunch and admission for 2 Exhibitors that day

** Please note there is an additional charge for power at the booth.

This must be arranged ahead of time so that we can make the request with Drury Lane conferences.



Attendees admission will be \$35.00 in advance, \$45.00 at the door .

*Payment at the event will be cash or check **ONLY**.*

Payment by credit card must be done in advance online at www.chicagocoatings.org



**Sponsor a Chemist for \$15.00! Sponsorship for lunch and Afternoon breaks available
ALL Exhibitors and Attendees are encouraged to bring chemists to this event**



Checks should be made payable to CSCT and sent to:

John N. Cox, Sr.

Sherwin Williams Company

549 East 115th Street

Chicago, IL 60628

773 - 821 - 3089 / jncox@sherwin.com



Hotel Info:

Hilton Suites Chicago / Oakbrook Terrace 1- 630 - 941 - 0100

Hilton Garden Inn / Oakbrook Terrace 1 - 630 - 941 - 1177

SPEAKER LIST:

ISP

Alternative Fungicide and Bactericide

Nuplex Resins

Novel Waterborne Coatings from Polymeric Dispersions

Evonik

Seed Oil Based Polyester Polyols for Coatings

Shamrock

New Waxes for Coatings

Dow Chemical

Blending VAE and Acrylic Latexes

Southern Clay / Rockwood

Methods of Eliminating VOC in Associative Thickeners

Troy Chemical

Use Level Optimization of Preservatives in Coatings

Cytec

High End Waterborne Binders for Air Dry Coatings

Velsicol

New Benzoate Ester for Improved Performance & VOC Reduction

C/O MARY SEFFROOD
Micro Powders, Inc.
1663 Apple Tree Lane
West Chicago, IL 60185

ADDRESS CHANGE?

Please contact our membership chair:

Robert Milano
rmilano@fitzchem.com
(630) 467-8383

if you have changed your email address or company information.

CSCT

Calendar of Events



Jan 7, 2008 <i>Monday</i>	WR Grace: "Silica Technology" - Alfred Smith Tego: "Wetting & Dispersing" - Chris Howard	OAK MEADOWS GOLF Addison, IL
Feb 4, 2008 <i>Monday</i>	BASF: "Low VOC Resins" - Sue Renner Clariant: "Organic Pigments" - Romesh Kumar	OAK MEADOWS GOLF Addison, IL
Feb 7, 2008-Thursday	SYMCO "CLEAN AND GREEN"	DRURY LANE Oak Brook, IL
Mar 3, 2008 <i>Monday</i>	Omya: "New Opaque Polymers" - Bob Ballard ADM: "Low VOC Coalescing Agents"	DOUBLETREE HOTEL Alsip, IL
Apr 7, 2008 <i>Monday</i>	Sartomer/Cytec: "UV Oligimers & Monomers" CIBA: "Light Stabilizers and Photoinitiators"	OAK MEADOWS GOLF Addison, IL
May 8, 2008-Thursday	ANNUAL AWARDS BANQUET & DINNER THEATRE	DRURY LANE Oak Brook, IL
July 28, 2008-Monday	GOLF & TENNIS OUTING	ST ANDREWS GOLF COURSE West Chicago, IL

Oak Meadows Golf & Banquets: 900 N. Wood Dale Road, Addison, Illinois 60101 (630) 595-1800
Double Tree Hotel: 5000 West 127th Street, Alsip, Illinois 60803 (708) 371-7300

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