



*The Philadelphia Society for
Coatings Technology, Inc.*

Presents:

*Green Chemistry
and its Effect on
Waterborne Industrial and
Architectural Coatings*

May 6th and 7th, 2008

at

WILLIAMSON RESTAURANT

Route 611 and Blair Mill Road

Horsham, PA 19044

Phone: 215-675-5454



FEDERATION OF SOCIETIES
FOR COATINGS TECHNOLOGY
MEMBER SINCE 1919

Green Chemistry Program

The EPA established its Green Chemistry Program, which has as its mission the promotion of “innovative chemical technologies that reduce or eliminate the use of hazardous substances in the design, manufacture and use of chemical products.”

Raw material suppliers and paint manufacturers alike have made the commitment to develop green products that exhibit equal or improved performance capabilities compared to traditional products.

One of the main goals is to demonstrate to the industry that green chemistry practices contribute to the bottom line as well as reducing environmental impacts.

12 Principals of Green Chemistry

- 1. Prevent waste**
- 2. Design safer chemicals and products**
- 3. Design less hazardous chemical syntheses**
- 4. Use renewable products**
- 5. Use catalysts, not stoichiometric reagents**
- 6. Avoid chemical derivatives**
- 7. Maximize atom economy**
- 8. Use safer solvents and reaction conditions**
- 9. Increase energy efficiency**
- 10. Design chemicals and products to degrade after use**
- 11. Analyze in real time to prevent pollution**
- 12. Minimize the potential for accidents**

Green Chemistry and Its Effect on Waterborne Industrial and Architectural Coatings

Tuesday and Wednesday, May 6 & 7, 2008
The Williamson
Horsham, PA 19044
215-675-5454

SCHEDULE Tuesday, May 6, 2008

- 8:00 am—8:30 am **Registration and Continental Breakfast**
- 8:30 am—9:30 am Dr. John Warner (Keynote Speaker),
The President and Chief Technology Officer,
Warner Babcock Institute for Green
Chemistry, Woburn, MA
TOPIC: "Green Chemistry and Control in Coatings Materials and Processes"
- 9:30 am –10:15 am Dr. Lakshmi Sadasivan, Rohm and Haas
TOPIC: "Role of Mildewcide in Yellow Discolorization of Latex Paints"
- 10:15 am—10:30 am **MORNING BREAK**
- 10:30 am –12:00 pm **Exhibitor Showcase (2 Minute Gong Show)**
- 12:00 pm—1:00 pm **BUFFET LUNCH**
- 1:00 pm—3:00 pm **VISIT THE SHOW**
- 3:00 pm—3:45 pm Dr. Wenjun Wu, Dow Chemical
TOPIC: "Blending Vinyl Acetate-Ethylene and Acrylic Latexes to Achieve Targeted Performance Properties"
- 3:45 pm—4:30 pm Scott Harvey, Ashland Specialty Chemical
TOPIC: "Aspects of Latex Particle Control for Improved Water Blush"
- 4:30 pm—6:00 pm **Olde "Philly" Cocktail Party**

**THE SHOW WILL BE HELD ONE DAY ONLY
TUESDAY, MAY 6, 2008
FROM 10:30 AM TO 6:00 PM**

SCHEDULE Wednesday, May 7, 2008

- 8:00 am—8:30 am **Continental Breakfast**
- 8:30 am—9:30 am Dr. Alvin Lavoie (Keynote Speaker),
Technical Director Architectural Coatings
Rohm and Haas
TOPIC: "Green Chemistry and Architectural Coatings"
- 9:30 am –10:15 am Kelly Smith, Nuplex Resins
TOPIC: "Surfactant-Free, Aqueous, Acrylic Dispersions for Plastic Coatings"
- 10:15 am—10:30 am **MORNING BREAK**
- 10:30 am—11:15 am Kurt Davidson, Ciba Specialty Chemical
TOPIC: "Formulating Coatings with Silver Based Antimicrobials: A Systematic Approach"
- 11:15 am—12:15 pm Dr. Richard Eley (FSCT Distinguished Lecturer) Senior Scientist, ICI Paints, NA
TOPIC: "Coatings Rheology and Coating Flows"
- 12:15 pm—1:15 pm **BUFFET LUNCH**
- 1:15 pm—2:00 pm Bree Sorrell, Rohm and Haas
TOPIC: "Formulating for Optimum Rheology in Tinted Waterborne Coatings"
- 2:00 pm—2:45 pm Dr. Xiaodong Wu, Rhodia
TOPIC: "Low-VOC High Performance 2K Waterborne Polyurethane Coatings"
- 2:45 pm—3:00 pm **AFTERNOON BREAK**
- 3:00 pm—3:45 pm Dr. Leo Procopio, Rohm and Haas
TOPIC: "Low-VOC Coatings for Use in Industrial Maintenance Painting"
- 3:45 pm—4:30 pm Dr. Subu Natesan, BASF
TOPIC: "Advanced Polymer Emulsions with Enhanced Titanium Dioxide Efficiency in Paint Formulations"

THE SHOW

There will be no admission charge to the Show.

You are invited to attend the show without charge, as an opportunity to gain exposure to the industry.

Over 50 supplier companies to the coatings manufacturing industry will be present to discuss the newest products and services. A wide variety of raw materials, production equipment, containers, filling equipment, laboratory apparatus and testing devices for the paint and coatings producer will be displayed.

REGISTRATION FORM

Philadelphia Society for Coatings Technology, Inc. (PSCT)

May Technical Symposium

Green Chemistry and its Effect on Waterborne Industrial and Architectural Coatings

May 6th and 7th, 2008

Make checks payable to: PSCT

Mail check and registration form to: Cathy Pinto—PSCT, 12 Sycamore Drive, Blenheim, NJ 08012

Please list names and addresses of all attendees. This will assist us in the preparation of name tags.

Name: _____

Company: _____

Address: _____

City: _____ State: _____ Zip Code: _____

Phone: _____ Fax: _____

E-mail address: _____

Fees:

\$345.00 PSCT Member

\$375.00 Joining PSCT

\$395.00 Non-Member

For additional information, contact:

Mr. Wayne Kraus—Protective Coatings

(717) 445-6826

E-mail: wkraus@ptd.net

Exhibit Rental, contact:

Mr. Sam Firestone

(215) 635-5002

E-mail: sam@norstoneinc.com

For credit card payment, contact:

Mrs. Cathy Pinto

(856) 228-0734

cpinto963@aol.com