



PITTSBURGH SOCIETY FOR COATINGS TECHNOLOGY

**NOTE:
NEW
MEETING
DATE!**

<http://paintsociety.org/>

APRIL 18, 2016



<http://paint.org/>

psct1927@gmail.com

TOPIC: Predicting Defoamer Performance in Coating Formulations

SPEAKER: Jim Reader, Lead Research Chemist,
Air Products and Chemicals Inc.

PLACE: Walnut Grill
911 Freeport Rd. • Pittsburgh, PA 15238
412-782-4768 • walnutgroverestaurant.com

TIME:	Board Meeting	4:00 pm
	Social Hour	5:00 pm
	Presentation / Speaker	6:00 pm
	Dinner / Meeting	7:00 pm

COST: \$35 with reservation • \$40 at door • \$15 retired

RESERVATIONS:

CONTACT:

Mark DePasquale by
THURSDAY, APRIL 14:
psct1927@gmail.com

OR CALL:

570-575-5253

ONLINE VIA PAYPAL:

www.paintsociety.org

Predicting Defoamer Performance in Coating Formulations

Jim Reader and Griffin K.T. Lai, Air Products and Chemicals, Inc.

Foam can cause many critical difficulties and defects in manufacturing, application, and performance of water-borne paints and coatings and usually require defoaming additives to prevent or eliminate foam and its associated problems. Defoamers can have a critical impact on the performance of a coating but finding the right defoamer for a given application can be time consuming and frustrating. Defoamer performance is controlled by the chemistry and formulation of the defoamer but it is also significantly affected by many variables in formulation, application and manufacture. These variables include type of agitation, ap-

plication method, coating ingredients and chemistry pigment volume concentration, coating viscosity, application thickness, and drying time. However, based on the chemistry and formulation of a defoamer, it is possible to predict its performance in different types of coatings and applications. This paper will discuss how the design of defoamers can affect performance in coating formulations and introduce a new range of defoamers created for predictable performance in a broad range of different formulations so coating formulators can more quickly find the optimal defoamer for their specific applications.



SPEAKER BIO:

JIM READER graduated from the University of Warwick (UK) in 1988 with a Ph.D. in Chemistry. He joined Air Products and Chemicals in 1998 in Manchester (UK) as a Research Chemist and later an Application Development Chemist for the Epoxy Additives business. He joined the Specialty Additives business in 1996 and has worked in Europe and Asia before becoming a Lead Chemist in Allentown in 2008. His hobbies include soccer, tennis and board games.

Dear PSCT Members,

I would like to thank Mitch Halpert of Huber for his informative presentation on ATH for Coatings Applications during our March meeting. Our speaker for April is Jim Reader from Air Products. His topic is "Predicting Defoamer Performance in Coating Formulations." I look forward to an informative session. This is our last technical session this year. This meeting also includes voting on the 2016-2017 board members. The following people have been nominated:

President: Ken Cutler

Vice President: Mark DePasquale

Secretary: Chris Gehly

Treasurer: Dan Bickford

Director-at-Large: Andy DePage

Our May social event this year is Trivia Night at Roland's Restaurant in the Strip District. The event will be held on May 9th at 6 pm. Please sign up for a night of friendly competition and great food. Scholarship winners are welcome free of charge. Information on how to RSVP is contained in this newsletter. I look forward to seeing you all there to celebrate a wonderful year of PSCT!

Christina Marlier

PSCT president 2015-2016

2016-2017 PSCT ELECTIONS

The following slate of candidates is nominated for a 1 year term. Elections will take place at the April 18, 2016 meeting. Nominations will also be accepted from the floor at the meeting, however nominees must have agreed to be nominated.

President: Ken Cutler

Vice President: Mark DePasquale

Secretary: Chris Gehly

Treasurer: Dan Bickford

Director-at-Large: Andy DePage

Continuing on the 2016-2017 Board of Directors are:

Christina Marlier – Past President

Jim Wasik – ACA Society Liaison Committee Representative

PSCT SCHOLARSHIP

Scholarship awards will be announced in the May 2016 newsletter.

CALL FOR SPEAKERS:

We are currently seeking speakers for the 2016-2017 year. If you are interested in presenting please contact Ken Cutler, kcutter@kop-coat.com.

MARK YOUR CALENDARS: 2016 PSCT Golf Outing: September 8, 2016



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MAY EVENT!
MONDAY, MAY 9, 6:00 PM



TRIVIA Night

at Roland's Seafood Grill and Iron Landing

1904 Penn Ave • Pittsburgh, PA 15222

Cost: \$45 per person

RSVP BY SUNDAY, MAY 1 TO: PSCT1927@GMAIL.COM

MENU: Paolo's Pasta:

Penne in a crushed tomato and sweet cream sauce infused with fresh basil and garlic.

Sweet Chili Shrimp Skewers • Sliced Filet Mignon • Roasted Red Skin Potatoes

Grilled Asparagus • Caesar Salad

Come Early and Enjoy Roland's Happy Hour!

Monday - Friday from 5-7 pm for \$1 off domestic beers! Or come in for our Sinfully Shellfish menu items that will satisfy your desires... for a bite to eat.

ADVERTISEMENT REMINDER

We would like to thank all the suppliers who have advertised with us in the past and hope we can count on your continued support. If companies want their advertisement displayed in the PSCT monthly newsletter, please contact Mark DePasquale at psct1927@gmail.com

MARCH PAINT POT

The name pulled was Brij Sharma and he was not present. The April Paint Pot will be \$50.



APRIL 11 – 14, 2016

<http://www.american-coatings-show.com/en/>

Held in partnership with Vincentz Network – publisher of international coatings journals and the organizer of the European Coatings Show and Conference – the American Coatings Show and Conference (ACS/ACC) is an exhibition and technical conference designed as a sister event to the European event. The conference is a 2-day event providing a forum for the foremost scientific minds in the industry, featuring top-notch scientific papers and speakers. The show is a marketplace for presentation of products and services for the production of high-grade and competitive paint and coatings. Held on alternate years with the European Coatings Show and Conference, the next ACS/ACC will take place in Indianapolis, IN

Awards Reception & Dinner April 11, 6-9pm

<http://www.paint.org/>

Join the American Coatings Association for an evening of celebration as we honor those in the industry who have contributed to its success through their outstanding efforts on behalf of the association. Traditionally held the evening prior to the launch of the American Coatings SHOW and CONFERENCE, the dinner offers an opportunity for industry members to network and socialize, after which the association will present its Awards of Excellence, Industry Achievement Awards, and George Baugh Heckel Award.

Registration is required to attend the dinner. Please submit the ACA Awards Reception & Dinner registration form or contact ACA's Shelby Ferguson at sferguson@paint.org.



JUNE 7 – 8, 2016

http://www.clevelandcoatingsociety.org/sos/sos_002.htm

Cleveland Coatings Society

Sink or Swim

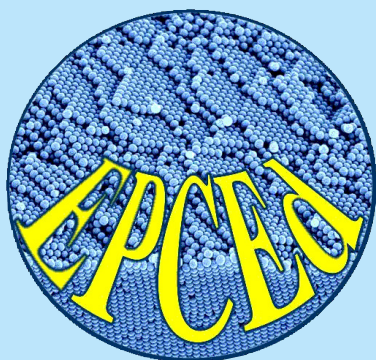
CREATING THE FUTURE:

Advances in Coatings Technology

The Cleveland Coatings Society, has always strived to be a conduit of practical and critical technical information. Our educational role has not been taken lightly, and through the dedication of a multitude of coatings professionals, The Sink or Swim Symposium has evolved to be one of the premier technical symposiums in the industry.

Having recently celebrated our 100th anniversary, followed by a visionary look into that future, it's time to get down to "Brass Tacks" and make that future happen. As always, you can count on the Cleveland Coatings Society to do its share and present an outstanding program.

We will look at the current state of technology in the industry, as well as offer a host of tools to get the ball rolling. Join us then, as we dedicate ourselves to "Creating the Future".



<http://www.epced.com/index.html>

EPCEd is designed to provide outstanding service to the emulsion polymers industry through expert consulting and unique forms of continuing education.

The second 2016 workshop will be on Hybrid Latex Systems

April 18-20, 2016

Mary Gates Learning Center, Alexandria, Virginia, USA.

The third workshop will be on Latex Morphology Control

June 6-9, 2016

University of New Hampshire, Durham, New Hampshire, USA.

The fourth workshop will be on Characterization of Synthetic Latices

September 19-21, 2016

MicroTek, Denver, Colorado, USA.

SEPTEMBER 13-14, 2016 • LINCOLNSHIRE, ILLINOIS



Coatings Trends & Technologies

<http://www.coatingsconference.com/>

WHEN and WHERE?

Coatings Trends & Technologies conference takes place Sept. 13-14, 2016 at the Lincolnshire Marriott Resort in Lincolnshire, IL

WHAT is Coatings Trends & Technologies?

Coatings Trends & Technologies (CTT), co-produced by PCI Magazine and the Chicago Society for Coatings Technology/SYMCO, is a 2-day educational conference that provides you with the tools, resources and opportunities to help your company evolve with the changing trends in coatings technology.

Through a series of short, informative technical sessions covering current topics and emerging trends you will gain fresh ideas, trusted data and practical applications to help your company improve your formulations. In addition to expert speakers, CTT also features a resource-rich tabletop exhibit area with coatings suppliers demonstrating their new technologies and products and exclusive networking to help make meaningful connections.

WHO Attends?

Coatings Trends & Technologies brings together 300+ coatings professionals representing all segments of the manufacturing marketplace. Nearly 60% of 2015 attendees were R&D/Chemists

Coatings Formulators • Chemists/Scientists • Research & Development • Applicators • Technicians • Technical Managers • Corporate/Executive Management • Raw Materials Suppliers

Market Segments Represented

Chemicals/Raw Materials • Paints/Coatings • Waterborne technology • Distributors • Adhesives/Sealants • Equipment/Instrumentation • Finishing (applicator/end user)

WHY Attend?

Education to Improve your Formulations:

Advance your knowledge on the most current coatings technology through short, informative technical sessions led by coatings experts.

Find Coatings Solutions:

Interact with premier suppliers and learn how their products and services can be implemented into your formulations immediately.

Networking Opportunities:

Connect with industry peers to discuss common challenges, exchange ideas, find new customers and build lasting business relationships.

**Mark Your
Calendars:**

**PITTSBURGH
CHEMICAL DAY**

October 4, 2016

We are Proud to Announce
the 49th Annual
Pittsburgh Chemical Day!

Register Now

2015's event was a tremendous success at our new location, and we look forward to seeing you all there again this year.

SENATOR JOHN HEINZ
HISTORY CENTER
IN ASSOCIATION WITH THE SMITHSONIAN INSTITUTION

Heinz History Center

PSCT Membership Application and Dues Renewal Form for July 2015 - June 2016

1. MAILING ADDRESS:

Name: _____

Company: _____

Address : _____

City: _____

State/Prov: _____ Postal Code: _____

2. CONTACT INFORMATION:

Work Phone: _____

Fax: _____

Toll Free: _____

Home Phone: _____

Email: _____

3. MEMBERSHIP DUES (NOTE: DUES INCREASE)

☐ Primary Full Membership \$40

☐ Secondary Full Membership \$40

☐ Student/Educator \$10

☐ Retired Member \$10

*Please indicate primary society membership: _____

5. PAYMENT INFORMATION:

☐ Check payable to PSCT

6. SIGNATURE AND DATE: (Required)

Signature: _____ Date: _____

7. RETURN FORM AND CHECK

Chris Gehly, Matthews International
101 Fairview Ave., Pittsburgh, PA 15238
412-365-2345 / cgehly@matw.com


OFFICIAL USE ONLY:


Total Amount Due: \$ _____ Certified by Society Member _____ Date _____

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WEBSITE

Please visit paintsociety.org for current newsletter, President's message, golf outing photos, and more. You can RSVP and pay for the upcoming meetings or renew your membership directly online.

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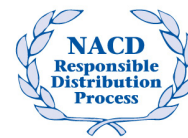
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