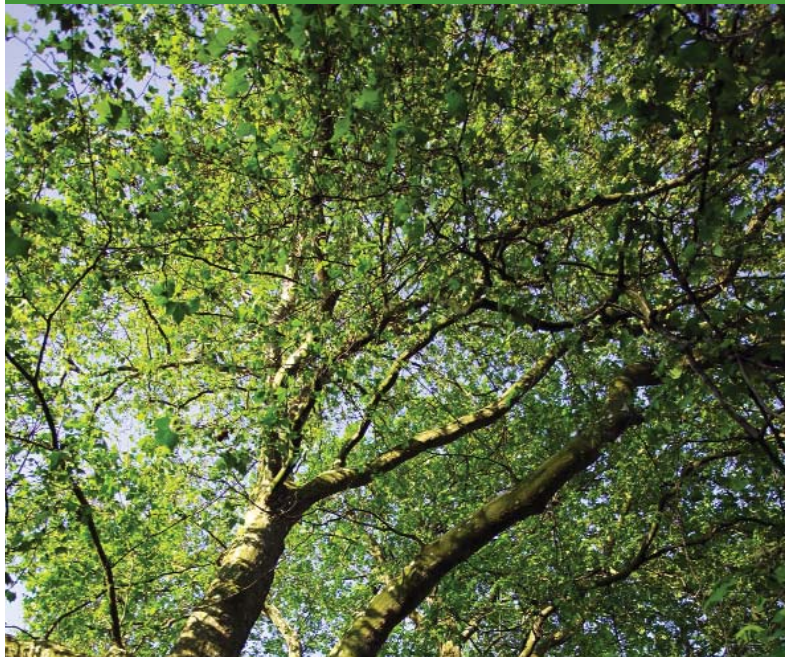


# New ICE 2007 Program!



**REACH** (registration, evaluation and authorization of chemicals) is a new piece of legislation passed by the European Union requiring all companies who do business within the EU to register their chemicals based on safety and environmental regulations. This legislation will affect thousands of products and companies throughout the world.



One-Day Program  
Thursday, October 4

**R**  
registration

**E**  
evaluation

**A**  
authorization

**C**  
of chemicals

**H**

**ice 2007**  
INTERNATIONAL COATINGS EXPO

October 1-5, 2007  
Metro Toronto Convention Centre  
Toronto, Ont., Canada  
[www.coatingstech.org](http://www.coatingstech.org)

# What Is REACH?

REACH (registration, evaluation and authorization of chemicals) is a new piece of legislation passed by the European Union that will require all companies that manufacture or import more than one ton of chemical substance per year in the EU to register the substance with the new EU Chemicals Agency. The new regulation is intended to improve the protection of human health and the environment, while maintaining the competitiveness and innovation of the EU chemicals industry.

FSCT realizes the significance and challenges that the REACH legislation will have on coatings companies who have relationships with companies or customers in the EU. Companies will have to register their solutions and mixtures, disclose toxicity (in which some products will have to be replaced to fit the new environmental standards), and supply information regarding product storage and use. Although the cost of registering with REACH is still unclear, companies need to take the proper steps now to ensure their products meet these new standards.

To help your company prepare for REACH, the FSCT has developed a technical session to be offered at ICE that will encompass presentations from all areas of the industry and provide information for raw material suppliers, formulators, and downstream users.

The REACH Program will be held **Thursday, October, 2007**, at ICE 2007. Admittance to the REACH Program is by separate registration. Registrants will receive course hand-outs, a conference tote, and full registration for the International Coatings Expo.

## REACH Program Schedule

8:00 am – 9:00 am—*REACH Basics for the Coatings Industry*, John Mikan, Experien Health Sciences, Inc.

9:00 am – 10:00 am—*Roles and Responsibilities According to REACH*, Susanne Demharter, BASF – REACH Marketing Services

10:15 am – 10:45 am—*Value Chain: Upstream and Downstream Communication*, Susanne Demharter, BASF – REACH Marketing Services

10:45 am – 11:45 am—*REACH: The New European Chemicals Legislation*, David Eastmond, University of California-Riverside

1:00 pm – 2:00 pm—*Treatment of Confidentiality Issues Under REACH and Their Impact on the Coatings Industry*, Joseph Plamondon, The Acta Group, LLC

2:00 pm – 3:00 pm—*European Union REACH Legislation—Canadian Chemical Management Plan and Program Under the U.S. Environmental Protection Agency: A Comparison*, Joyce Borkhoff, Ciba Specialty Chemicals Canada Inc.

3:15 pm – 4:45 pm—*REACH Implementation Problems*, Herbert Estreicher, Keller and Heckman LLP

4:45 pm – 5:00 pm—Program wrap-up, John Mikan

## Presenters and Abstracts

### *REACH Basics for the Coatings Industry*

John D. Mikan, CIH  
Experien Health Sciences Inc.

*The president of Experien Health Sciences, Inc., John Mikan is a board-certified industrial hygienist with more than 20 years of chemical industry and consulting experience addressing matters of human health and product safety. In 2006, he arranged a highly successful two-day "Responding to REACH" conference. Dr. Mikan has held key leadership positions in several multinational oil and chemical companies and has served as a member-company representative at the American Chemistry Council, The Society of the Plastics Industry, and others. As a consultant, he has ongoing involvement in the U.S. HPV Challenge Program and has been closely following the developments of the REACH regulation since 2001, with a particular focus on exposure and risk assessment. He has provided consulting services for the U.S. EPA and Army Corps of Engineers, among others.*

This presentation provides an overview of the REACH regulation, with a focus on its potential impacts throughout the

coatings industry supply chain. Information includes a review of the scope of the regulation, deadlines, and a basic overview of the types of activities that suppliers, formulators, and distributors should pursue in order to avoid business disruption.

### *Roles and Responsibilities According to REACH*

Dr. Susanne Demharter  
BASF

*Susanne Demharter received her Ph.D. in 1995 in polymer science from the the University of Freiburg. She started her career at BASF in 1995. and has been strongly committed to REACH since 2001. Dr. Demharter was a member of the BASF REACH team until the end of 2006 and engaged in the interpretation of REACH drafts and impact assessments on BASF. She has also been involved in negotiations on REACH with associations like CEFIC, VCI (German federation of chemical industry), the European Commission, and others. Dr. Demharter is currently responsible for the coordination of the newly established BASF Success REACH consultancy.*

Gain an understanding of the roles and definitions of roles according to REACH as they relate to manufacturer/importer, downstream user, and distributor. The responsibilities of different roles towards authorities and in the supply chain, such as (pre)-registration, content of (pre)-registration, data sharing and SIEF, chemical safety report, and the IUCLID database are discussed. SDS with new annex, authorization, and special cases, such as the paint and coatings industry as formulating industry (located in and outside the EU) and the possible consequences and solutions for non-EU producers, are covered in this presentation.

### Value Chain: Upstream and Downstream Communication

Receive insight into the nature of the communication that has to take place between manufacturers, suppliers/distributors, and downstream users. The legal background of communication between these individuals is discussed in accordance with the rights and duties of REACH roles. The principal of risk assessment is covered and identifies the iterative process with up- and downstream communication. CSR with risk assessment use and exposure is explained, described, and quantitatively estimated. Exposure scenarios in regards to annex of SDS are presented, as well as content and consistency with CSR. The presentation concludes with a look at the actors in the supply chain that are located outside the EU and the consequences for communication.

### REACH: The New European Chemicals Legislation

Dr. David Eastmond  
University of California, Riverside

*Dr. David Eastmond received a Ph.D. in Environmental Health Sciences from the University of California, Berkeley, in 1987. Dr. Eastmond's research focuses on the mechanisms involved in the toxicity and carcinogenesis of environmental and agricultural chemicals. One important goal of this research is to provide information that will allow the potential adverse health effects associated with chemical exposure in human populations to be more accurately estimated.*

The European chemical industry and its existing regulations are discussed to provide context. From there, REACH chronology in regards to the United States and the EU is outlined, information on the legislative bodies within the European Union is discussed, and the position of the U.S. government on REACH is explained. The REACH implementation timeline is explored and the pre-registration and registration requirements, evaluation, and authorization are explained. Examples of testing/date requirements under REACH are provided.

### Treatment of Confidentiality Issues Under REACH and Their Impact on the Coatings Industry

Dr. Joseph Plamondon  
The Acta Group LLC

*Dr. Joseph Plamondon received a Ph.D. from the University of California, Davis. He has held positions with Rohm and Haas Company and Akzo Nobel and is currently with the consulting firm The Acta Group LLC. He has spent over 10 years consulting with chemical companies on a broad range of Toxic Substances Control Act (TSCA) issues. Dr. Plamondon has presented at many conferences and professional meetings, including the American Chemistry Council's Global Chemical Regulations Conference.*

Under the new REACH regime, polymers do not have to be registered, but the reactive components that are used in their manufacture do, including monomers, free radical initiators, chain transfer agents, and crosslinkers. Because the timing of registration and information requirements under REACH are determined by production volume, the percent at which reactants are used in polymers must be reported, along with their identity.

The requirement to register components of coating formulations other than polymers may result in the coatings manufacturer having to reveal additional confidential information. Practical examples are presented to illustrate these confidentiality issues and methods, and what might be considered to protect confidentiality.

### European Union REACH Legislation—Canadian Chemical Management Plan and Program Under the U.S. Environmental Protection Agency: A Comparison

Joyce K. Borkhoff  
Ciba Specialty Chemicals Canada Inc.

*Joyce Borkhoff holds a B.Sc. (Honours) degree in Chemistry from McMaster University in Canada, and has 15 years of experience in Regulatory Affairs, Product Stewardship, and Occupational Health and Safety within the industry. She is currently the head of Regulatory Services for Ciba Specialty Chemicals Canada Inc. Ms. Borkhoff leads her department in the pro-active interpretation of evolving legislative requirements, the development and implementation of strategies for the successful notification of chemicals and polymers in Canada, and all aspects of product safety and stewardship. She also manages REACH activities for Ciba Expert Services' North American clients.*

Across the globe, governments are engaged in discussions to develop regulatory frameworks to assess and manage risk for existing substances. Governments are sharing data, risk assessment strategies, and risk management practices. This presentation provides a comparison between the European REACH legislation, the Canadian Chemical Management Plan, and the programs under the U.S. Environmental Protection Agency. Learn the key similarities and differences among these initiatives to understand how they will impact your business and the integrity of your products en route to developing a global sustainability strategy.

### REACH Implementation Problems

Herb Estreicher  
Keller and Heckman LLP

*Herb Estreicher, a partner of Keller and Heckman LLP, provides overall strategic advice on REACH in both Europe and North America. Dr. Estreicher is a lawyer and Ph.D. chemist who has been heavily engaged with REACH since its inception. Dr. Estreicher has defended embattled products under the EU Marketing and Use Directive, has negotiated dossier development of substances under the Existing Substance Regulation, and has notified PBT and other high risk substances under the 7th Amendment to the Dangerous Substances Directive.*

Now that REACH has entered into force, companies in Europe and elsewhere are preparing to meet the REACH challenges, which include pre-registration, registration of the high volume and high risk substances, and organization of the first proposed list of Substances of Very High Concern for Authorization. The intense preparation activity has led to the identification of a number of practical implementation problems and issues. Learn about these problems and issues in detail, as well as some likely solutions.



# ICE 2007 Advance Registration Form

After September 10, you will need to pay on-site prices.



Toronto, Ont., Canada

## Register 3 Ways:

Online:  
www.coatingstech.org

Fax:  
708.344.4444

Mail:  
ICE 2007 Registration  
P.O. Box 561  
Brookfield, IL 60513-0561

## 1. Industry Attendee *(Please print or type)*

FIRST NAME \_\_\_\_\_ LAST NAME \_\_\_\_\_  
 COMPANY \_\_\_\_\_  
 MAILING ADDRESS \_\_\_\_\_  
 MAILING ADDRESS \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE/PROV. \_\_\_\_\_  
 COUNTRY (Other than U.S.) \_\_\_\_\_ POSTAL CODE \_\_\_\_\_  
 PHONE NO. \_\_\_\_\_ FAX NO. \_\_\_\_\_ EMAIL \_\_\_\_\_

As an FSCT attendee, you will receive communications via email and postal mail regarding future FSCT programs. If you do not wish to receive communications, please check appropriate box(s):  Please do not send emails  Please do not send mail

FSCT occasionally makes available attendee addresses (excluding telephone and email) to vendors who provide related products and services to the coatings community. If you prefer not to be included in these lists, please check this box:

## 3. Spouse

FIRST NAME \_\_\_\_\_ LAST NAME \_\_\_\_\_

## 4. Conference Registration

Conference registrants must check boxes of session(s) they wish to attend and include payment in Step 6. Course registration may be limited.

### Two-Day Courses—Monday & Tuesday, October 1 & 2

- Pigment Science and Applications
- Fundamentals of Polymer Technology
- Guidelines for Coating Formulations
- Emulsion Polymerization and Waterborne Coatings

- Nanotechnology and Nanocomposites: Applications in Coatings
- Introduction to Coatings Technology
- Nature's Best: Greener, Eco-Friendly Raw Materials and Coatings

### Half-Day Courses—Tuesday October 2

- Regulatory Issues in Northern North America (Canada) — Morning course
- Printing Ink Primer—An Introduction to Printing Inks (OCCA)— Afternoon course

### One-Day Courses—Tuesday, October 2

- Coatings for Automotive OEM
- Advanced Polymer Technology

## 2. Registrant Profile

Information below must be completed for registration to be processed:

### POSITION TYPE (Check Primary Only)

- 31 [ ] Management / Administration
- 32 [ ] Manufacturing and Engineering
- 33 [ ] Quality Control
- 34 [ ] Research and Development
- 35 [ ] Technical Sales / Service
- 36 [ ] Sales and Marketing
- 37 [ ] Consulting
- 38 [ ] Educator / Student
- 39 [ ] Librarian / Other (please specify) \_\_\_\_\_

### COMPANY TYPE (Check all that apply)

- Manufacturer of
- 51 [ ] Liquid Paints
  - 52 [ ] Varnish and Lacquer
  - 53 [ ] Printing Inks
  - 54 [ ] Sealants and Caulks
  - 55 [ ] Adhesives
  - 56 [ ] Powder Coatings
  - 57 [ ] UV/Radiation Curable Coatings
  - 58 [ ] Raw Materials
  - 59 [ ] Equipment and Containers
  - 60 [ ] Construction Chemical Intermediates

### Sales Agent for

- 61 [ ] Equipment
- 62 [ ] Raw Materials
- 63 [ ] Government Agency
- 64 [ ] Research / Testing / Consulting
- 65 [ ] Educational Institution / Library
- 66 [ ] Paint Consumer
- 67 [ ] Environmental Affairs
- 68 [ ] Computer Software / Services
- 69 [ ] Other (please specify) \_\_\_\_\_

PRIMARY COMPANY TYPE (Please circle the ONE code below that best describes your company)

- (51) (52) (53) (54) (55) (56) (57) (58)  
 (59) (60) (61) (62) (63) (64) (65) (66)  
 (67) (68) (69)

## 5. REACH Registration

Admittance to the REACH program is by separate registration. Please check here  if you wish to attend, and include payment in Step 6. Course registration may be limited. In addition, check here  if you would like to add \$195 for admission to FutureCoat!

## 6. Calculate Payment Amount

ADVANCE PRICING  
(Deadline September 10)

	FSCT member	Non-member	Amount
<b>PRE-SHOW SHORT COURSES</b> (Includes admission to Expo)			
Two-Day Course	\$.595	\$745	\$ _____
One-Day Course	\$.395	\$545	\$ _____
Half-Day Course	\$.245	\$345	\$ _____
<b>FUTURECOAT!</b> (Includes admission to Expo and Proceedings CD)			
Full Program	\$.295	\$495	\$ _____
Student (Valid student ID required)	\$.95	\$95	\$ _____
<b>REACH PROGRAM</b> (Includes admission to Expo)	<b>\$595</b>	<b>\$745</b>	<b>\$ _____</b>
Add \$195 to attend FutureCoat!	<b>\$.195</b>	<b>\$195</b>	<b>\$ _____</b>
<b>ICE EXPO ONLY</b>			
Full-Time	\$.60	\$60	\$ _____
Spouses	\$.50	\$50	\$ _____
<b>FSCT Membership</b>	<b>\$.79</b>		<b>\$ _____</b>
(save \$50-200 off registration rates and gain FSCT benefits)			
<b>TOTAL REGISTRATION PAYMENT</b>			<b>\$ _____</b>

No requests for refunds after show dates will be honored.

All payments must be made in U.S. Funds. Note: Cancellation fees apply, see page 18 for policy.

## 7. Payment

Total Amount Enclosed (U.S.) \$ \_\_\_\_\_

SELECT ONE:

- Check enclosed  
(payable in U.S. Funds on U.S. bank to FSCT)
- MasterCard     VISA     American Express

Card number: \_\_\_\_\_

Exp. date: \_\_\_\_/\_\_\_\_

Cardholder's name \_\_\_\_\_

Signature: \_\_\_\_\_

Billing address if different than above: \_\_\_\_\_

### ICE 2007 Registration Helpline

(between 8:30 am and 4:30 pm Central Time)

USA (toll free) .....866.878.0742

INTERNATIONAL .....708.486.0742

Join  
FSCT  
and  
Save!