



Flexible Packaging Association

2009 Environmental Summit & Safety Conference

Presented by the Flexible Packaging Association

January 21-23, 2009

The TradeWinds Island Grand Resort

5500 Gulf Boulevard
St. Petersburg Beach, Florida 33706

➤ WHO SHOULD ATTEND?

Environmental, Health and Safety professionals and managers at both corporate and plant levels from FPA member and non-member companies.

➤ WHY SHOULD YOU ATTEND?

For regulatory updates and guidance on complying with flexible packaging industry-specific environmental and safety regulations.

➤ HOW ARE THESE EVENTS DIFFERENT?

The FPA Environmental Summit and Safety Conference are the **ONLY** conferences dedicated exclusively to the environmental and safety topics of importance to the flexible packaging industry.

2009 FPA ENVIRONMENTAL SUMMIT & SAFETY CONFERENCE

JANUARY 21-23, 2009 • TRADEWINDS ISLAND GRAND RESORT • ST. PETERSBURG BEACH, FLORIDA

The Flexible Packaging Association (FPA) is pleased to present its Environmental Summit and Safety Conference. The conference agendas were developed by industry peers to address issues specific to converters and suppliers of flexible packaging. The agendas include presenters from both industry and government, and are aimed at providing real take-home value for attendees. Environmental and/or safety professionals and managers at both corporate and plant levels will benefit from the programs. FPA members and non-members can register for either or both of the events.

Lunches and evening receptions offer an excellent opportunity to network with peers and interact with regulators and industry professionals.

EVENTS IN BRIEF

(For online registration, please visit www.flexpack.org)

Tuesday, January 20, 2009

Committee Meetings:

- | | |
|------------------------|---|
| 9:00 a.m. - 12:00 p.m. | Environmental Committee Meeting. All attendees invited. Review of environmental issues and preview the Environmental Summit agenda. |
| 1:00 p.m. - 3:00 p.m. | Safety Committee Meeting. All attendees invited. Review of safety issues and preview the Safety Conference agenda. |

Wednesday, January 21, 2009

- | | |
|-------------------------|---|
| 7:30 a.m. | Registration & Breakfast |
| 8:00 a.m. - 5:15 p.m. | Safety Conference |
| 11:30 a.m. - 12:30 p.m. | Lunch sponsored by Flint Group |
| 5:30 p.m. - 6:30 p.m. | Reception sponsored by Glenroy, Inc. |

Thursday, January 22, 2009

- | | |
|------------------------|--|
| 7:30 a.m. | Registration & Breakfast |
| 8:00 a.m. - 4:45 p.m. | Environmental Summit |
| 12:00 p.m. - 1:00 p.m. | Lunch sponsored by Sun Chemical Corporation |
| 5:30 p.m. - 6:30 p.m. | Reception |

Friday, January 23, 2009

- | | |
|------------------------|----------------------|
| 7:30 a.m. | Breakfast |
| 8:00 a.m. - 11:30 a.m. | Environmental Summit |
| 12:00 p.m. | Golf Tournament |

Saturday, January 24, 2009

Committee Meeting (FPA members only):

- | | |
|------------------------|---|
| 7:30 a.m. - 10:30 a.m. | Joint Environmental & Safety Committee Meeting. Review 2009 Conferences and develop plans for 2009. |
|------------------------|---|

2009 SAFETY CONFERENCE AGENDA

Wednesday, January 21, 2009

7:30 a.m. – 8:00 a.m.

Registration & Breakfast

8:00 a.m. – 9:00 a.m.

OSHA Update & Combustible Dust – A Case Study

Charlie Morgan, Alston and Bird

In this session the presenter will review recent areas of focus by OSHA as well as provide an in-depth understanding of issues related to combustible dust, including OSHA's enforcement activities, and discussion of considerations for employers regarding catastrophic events affecting their employees. You can not afford to miss this session as combustible dust, which can cause a deflagration, fires or an explosion, is very high on OSHA's list for facility inspections.

9:00 a.m. – 9:45 a.m.

Flexo-Green Chemistry: Safety & Sustainability

Jeanette Truncellito, Sun Chemical North American Inks

The flexo use in packaged printing is growing and industry is continually looking at safer chemical substitutions while meeting performance demands. The presentation will compare various inks and coatings chemistries, their attributes from cost, use and application perspective, including their impact on employee health and safety. Come hear how new technologies have integrated EH&S.

9:45 a.m. – 10:00 a.m.

Break

10:00 a.m. – 10:45 a.m.

Property & Fire Protection

Mike TriJillo, FM Global Atlanta

The converting operations have many challenges ranging from producing a consistent quality product and identifying, understanding and addressing, for example, hazards associated with handling, storage and use of ink/solvents. The presenter will discuss the fire hazards of plastic films, review factors driving losses in the flexible packaging industry and provide guidance for handling flammables on the press floor and storage areas. The focus is on protecting assets and improving employee safety.

10:45 a.m. – 11:30 a.m.

Handling Nonconductive Flammable Liquids - A Case Study

William Wark, U.S. Chemical Safety Board

The Chemical Safety Board (CSB) is an independent federal agency charged with investigating industrial chemical accidents. CSB investigations look into all aspects of chemical accidents, including physical causes such as equipment failure as well as inadequacies in regulations, industry standards, and safety management practices. On July 17, 2007, explosions and fire erupted at the Baron Solvents facility in Valley Center, Kansas, north of Wichita. The incident led to the evacuation of thousands of residents and resulted in projectile damage offsite, as well as extensive damage to the facility. This presentation will make use of the agency's 8-minute safety video, which contains a computer animation of the sequence of the events leading up to this accident. This will allow participants to visualize the hazards of static electricity and identify the necessary precautions to avoid similar accidents. The presenter will share recommendations arising from the incidence.

11:30 a.m. – 12:30 p.m.

Lunch sponsored by Flint Group

12:30 p.m. – 1:00 p.m.

Cutting Tools for Flexibles

Tommy Landwehr, Martor USA

Lacerations consistently rank among the most frequent injuries and estimated as second only to back strain and sprain for losing days away from work annually. Martor has done extensive work with flexible packaging companies to understand the cutting applications, existing tools and challenges within this industry. The presenter will share innovations in this area and how its use can reduce injuries, minimize waste and improve employee morale. Additionally, the cost of laceration and what can be done to reduce the risk of lacerations will be discussed. It is expected to be an interactive session.

2009 SAFETY CONFERENCE AGENDA

1:00 p.m. – 2:15 p.m.

Cranes, Hoists & Manipulators—Operational Safety and Compliance, Panel Discussion

David Neal, Kone Cranes

Joe Crews, Coffing Hoists

The accidents involving cranes and hoists continue to be a significant cause of serious injuries. Consequently, OSHA is placing emphasis on equipment inspections and employee training. The presentation is geared toward operators and supervisors responsible for the daily operation and safe performance of a crane system. The session will cover major crane components affecting safety, safe operating practices, OSHA inspection check list and record keeping, reducing operating costs and a quiz based on hands on demonstration.

The second part of the presentation, provided by Joe Crews, will concern the safe use of manipulators. It will include understanding and applicability of equipment, current OSHA regulations, safety checklist, care and maintenance and above all reduce operational costs while improving safety, job satisfaction and employee morale.

The presentations will be followed by a panel discussion and audience participation.

2:15 p.m. – 2:30 p.m.

Break

2:30 p.m. – 3:15 p.m.

5S's to Improve Safety - A Case Study

Jeff Gilbert, Flint Group

A key factor of a safe workplace is a clean and organized work environment. The Lean Manufacturing technique of 5S provides a process for cleaning and organizing the workplace, but more importantly provides a method to maintain the organization and cleanliness. The case study will introduce the topic of 5S and describe each step in the process – sort, set-in-order, shine, standardize and sustain. The presentation will then explain the application of 5S in Flint Group's Packaging Ink Division to achieve not only productivity results, but also safety improvements. Ready to use training tools, checklists and audit forms that others have found useful will be shared in the discussion.

3:15 p.m. – 4:15 p.m.

Integrating LEAN Sigma Methods into Safety Program

Stephen Mazouat, Sequa Corporation

Learn how the principles and tools of LEAN Manufacturing and Six Sigma process excellence are integrated into safety programs to achieve injury rate reductions of over 50%. Examples of management tools will be provided and case studies will be presented.

Whether you are a Six Sigma organization, or just looking for an effective way to champion process changes that reduce losses, the tools and case studies presented here would demonstrate how leading organizations have cut the waste of workplace injuries in half – or more. You will see a straightforward road map to “Breakthrough Safety Performance” and “discover” the tools used to add the all important sixth S to an organization's 5S workplace process.

4:15 p.m. – 5:00 p.m.

Extrusion Hazards-A Case Study

Jeff Evans, Amcor Flexibles

The presentation will highlight many of the day to day safety hazards encountered by extrusion operators and share examples of safety practices that will help prevent injuries from these hazards. A recent injury on blown film extrusion line at Amcor will be reviewed, including injury causes and implementation of preventative measures. The impact on production of these measures will be discussed from the operator's point of view. The presentation is expected to be interactive as it practically affects all flexible packaging operations and is based on real-life experience.

5:00 p.m. – 5:15 p.m.

FPA's Injury Incidence Report – Why participate, Closing Remarks & Adjourn

Doreen Shiers, FPA Safety Committee Chair

5:30 p.m. – 6:30 p.m.

Reception sponsored by Glenroy, Inc.

2009 ENVIRONMENTAL SUMMIT AGENDA

Thursday, January 22, 2009

7:30 a.m. – 8:00 a.m.

Registration & Breakfast

8:00 a.m. – 9:30 a.m.

Managing Energy Use/Consumption - Case Studies

Panel Discussion

Tom Knudstrup, Alcan Packaging

Sylva Jerikian, Amcor Flexibles

The steep increases in energy rates have reached the point in packaging where the energy costs are a significant percentage of the cost of the finished product. The presenter will outline how a converting facility tackled energy waste and how it plans to continue this process in the future.

The second presentation will first identify processes and equipment in flexible packaging that uses energy in a significant way and then suggest ways to conserve and reduce energy consumption including case studies where projects have been found cost effective due to savings in energy costs.

The third presentation is a case study of work between Amcor Flexibles and the University of Illinois at Chicago. The discussion will include identifying energy assessment resources, the energy evaluation process, working with the university to identify opportunities for improvement, and pros and cons of this approach.

The presentations will be concluded with a panel discussion and Q/As. We expect it to be a very interactive session.

9:30 a.m. – 10:15 a.m.

Revisions to Solid Waste Definition: Rule Review

Charlotte Mooney, U.S. EPA

EPA has recently published a final rule revising the definition of solid waste. It is expected to provide greater opportunity for generators to recycle certain hazardous secondary materials on-site and off-site under the control of the generator. The presentation will review the purpose and ramifications of this rule followed by Q/As. You can not afford to miss the session as it has impact on flexible packaging operations.

10:15 a.m. – 10:30 a.m.

Break

10:30 a.m. – 11:15 a.m.

Design for Sustainability – the Consumer Effect

Susan Palombo, READY366

The consumers today care more about the products they buy – where they are from, what they are made of, and whether they are good for them and the environment. The Internet has provided them access to information and unprecedented power to shape a brand's reputation. As a result of these influences, marketers are looking for new avenues to create greater and more authentic brand relevance and differentiation, and green packaging innovation is a major opportunity. The presenter will explore the latest consumer trends and expectations for packaging, discuss "the rules" for creating successful green designs, demonstrate how to include the consumer into the design process and share a variety of case examples of successful green packaging innovations.

11:15 a.m. – 12:00 p.m.

The Green Packaging Claims

Laura Koss, Federal Trade Commission (FTC)

The "Green" claims are everywhere, including in the packaging industry. The presenter will review the FTC's "Green Guides," which is intended to help marketers avoid making unfair or deceptive environmental claims. The Green Guides outline general principles and provide guidance on specific green claims such as recyclable, recycled content, biodegradable, and compostable. Ms. Koss will discuss the fact that Green Guides give environmental claims the meaning that consumers give them and that marketers making express or implied claims must have substantiation.

12:00 p.m. – 1:00 p.m.

Lunch sponsored by Sun Chemical Corporation

2009 ENVIRONMENTAL SUMMIT AGENDA

1:00 p.m. – 2:00 p.m.

Greenhouse Gas Emissions Inventory Development

Bobby Cullom, Sealed Air Corporation

EPA is considering the Greenhouse Gas (GHG) Emissions Inventory reporting that would serve as benchmark for evaluating the effectiveness of all GHG reduction initiatives and programs. In anticipation and to meet request for it from certain customers many FPA member companies are engaged in GHG emissions inventory development and considering ways to reduce these gases on a facility wide basis. The presentation is a case study that will include the methodology and assumptions used in developing GHG emissions and lessons learned. We expect it to be a very interactive session.

2:00 p.m. – 2:45 p.m.

The REACH – What to Do, What to Watch, What to Worry About

Richard W. Johnson, Ph.D., Rohm and Haas Chemicals, LLC

The European Union's Registration, Evaluation, and Authorization of Chemicals (REACH) will impact the manufacturers of chemical substances in the EU and exporters of chemical substances to EU. The regulation requires the chemical substance to be pre-registered otherwise it can not be manufactured, sold or exported to EU. Following the pre-registration phase, those companies that will be registering substances will need to join the respective SIEFs (Substance Information Exchange Fora) to prepare for the registrations. These groups will be sharing data, performing testing, collecting use information, creating safety assessments, all of which can be both costly and potentially proprietary. This session will provide an overview of what registering companies should consider as they go into this work.

The draft list of SVHC (substances of very high concern) will be issued, and companies involved with articles must assess their responsibilities related to these SVHCs. There are actions that can be taken now, with regular follow-up. This talk will discuss what the obligations are regarding SVHCs, and what actions should be taken going forward.

As the work on registrations progresses, data is collected and new testing performed, it could change the landscape in several ways. The presentation will discuss what these changes might be and what to look out for including guidance on how that might be done.

2:45 p.m. – 3:00 p.m.

Break

3:00 p.m. – 3:45 p.m.

Nanotechnology in Packaging

Dr. Thomas Donvito & Dr. Rick Joyce, Sun Chemical Corporation

The nanotechnology is already found in a wide variety of consumer products including food and food technology. Its application is increasing at a significant rate creating oversight challenges that will expand in scope and complexity as more nano-enabled products enter the marketplace. The presenter will address the impact of nanotechnology and nanomaterials on packaging and examine federal agencies' readiness to deal with environmental and toxicological/physiological effects of these materials.

3:45 p.m. – 4:30 p.m.

SPCC Update - Self Certification and Threshold Levels for Resins/Waxes

Craig Matthiessen, U.S. EPA

The Spill Prevention Control and Countermeasure (SPCC) rule development has been a roller coaster with EPA recently proposing amendments to the rule in October 2007. It is expected that the rule will be final this year. The presenter will provide an overview of EPA's oil spill prevention program, the Spill Prevention Control and Countermeasure regulation and details associated with recent modifications of these regulations and their specific relevance to the flexible packaging industry. The presentation will also include details on self-certification of SPCC Plans and discuss issues relative to oil characterization (e.g. resins and waxes). You can not afford to miss this session as anticipated benefits include a better understanding of the SPCC requirements and the flexibility available to facility owners and operators who handle oils of all kinds to prevent, prepare for, and respond to accidental oil discharges. Attendees will also have the opportunity to learn about upcoming efforts on oil spills and EPA's work on oil characterization.

5:30 p.m. – 6:30 p.m.

Reception

2009 ENVIRONMENTAL SUMMIT AGENDA

Friday, January 23, 2009

7:30 a.m. – 8:00 a.m.

Breakfast

8:00 a.m. – 8:45 a.m.

EPA Priorities & Political Transition

George Sugiyama, U.S. EPA-OAR

The Office of Air and Radiation (OAR) develops national programs, policies and regulations for controlling air pollution and radiation exposure. The presentation will provide an overview of program priorities of the agency with emphasis on anticipated Greenhouse Gas emissions legislation. Additionally, the presenter will share the new administration's thinking on regulatory landscape and its impact on industry.

8:45 a.m. – 9:30 a.m.

Sustainability: Summary of a Research Report Completed for the FPA

Jeff Wooster, The Dow Chemical Company

The FPA has recently commissioned Battelle, an international science and technology enterprise, to complete an exhaustive study that will help the FPA and its members position flexible packaging as a preferred option for meeting the packaging sustainability goals of the packaging value chain. The Battelle work focused on demonstrating the life cycle energy savings achieved through the use of flexible packaging and developing options for improved end-of-life positioning for flexible packaging. This presentation will provide an overview of the findings from the Battelle research as well as previous case studies developed for the Flexible Packaging Association.

9:30 a.m. – 9:45 a.m.

Break

9:45 a.m. – 10:30 a.m.

Implementing Greenhouse Gas Programs

Zach Baumer, URS Corporation

The Greenhouse Gas emissions reporting and reduction has been receiving significant attention in the United States over the past three years. In the absence of a federal regulatory program, voluntary and mandatory programs have emerged at the municipal, state, and regional level. Congress and the EPA are finally on the brink of creating their own mandatory reporting and eventual cap and trade program. Companies recognize that they may be impacted, but are looking for guidance and direction in this uncertain and rapidly evolving carbon management landscape. The

myriad of different programs can be dizzying to the environmental manager of a company; what do these programs mean, who will be affected, what will it cost, what will be required?

This presentation will provide the current status of voluntary greenhouse gas programs, as well as mandatory state and regional programs, and review current proposals at the federal level. Likely reporting and compliance thresholds will be examined and translated into usable takeaways that help informed decision making and strategies for greenhouse gas inventories and reduction planning.

10:30 a.m. – 11:15 a.m.

Product & Packaging Carbon Footprinting

Lisa Nelowet Grice, ENVIRON

In response to customer and consumer demands, companies are increasingly completing product-level carbon footprints. The product-level footprints differ from entity wide GHG inventories by focusing exclusively on allocation of emissions to production of a single SKU, incorporating information on product manufacture, use, disposal and packaging from throughout the supply chain. Until consensus standards are in place, comparing one package's carbon footprint to another is inequitable, given differences in transparency, boundary setting, allocation methods, data sources and other variables. This presentation will explore the challenges in product/package-level carbon footprints, and provide updates on key new and developing standards in the field, namely the British Standards Institutes PAS 2050

11:15 a.m. – 11:30 a.m.

Carbon Footprint Panel Discussion

Jeff Wooster, The Dow Chemical Company

Lisa Nelowet Grice, ENVIRON

Bobby Cullom, Sealed Air Corporation

Zach Baumer, URS Corporation

11:30 a.m.

Closing Remarks & Adjourn

Brian Galley, FPA Environmental Committee Chair

12:00 p.m.

Golf Tournament

For registration details, contact Jim Hillstrom at (262) 255-4422

2009 FPA ENVIRONMENTAL SUMMIT & SAFETY CONFERENCE

JANUARY 21-23, 2009 • TRADEWINDS ISLAND GRAND RESORT • ST. PETERSBURG BEACH, FLORIDA

FPA thanks the sponsors of the Environmental Summit & Safety Conference networking events. This year's Conference receptions and lunches are being generously sponsored by Flint Group, Glenroy, Inc. and Sun Chemical Corporation.



FlintGroup



Sponsoring Wednesday's Lunch.

Sponsoring the Wednesday Evening Reception.

Sponsoring Thursday's Lunch.

Attendees must make their own hotel reservations by calling the TradeWinds Resort at (800) 808-9833 and identifying themselves as attending the FPA Conferences. The TradeWinds has agreed to a special standard room rate of \$164. Upgrades are available based on availability: Tropical Hotel Room- \$179; Gulf Front Parlors- \$194. To guarantee these rates, the hotel must receive your reservation no later than **December 15, 2008.**

TradeWinds Island Grand Resort

5500 Gulf Boulevard
St. Petersburg Beach, FL 33706
Phone: 727-367-6461
Toll free: 800-360-4016
Reservations: 800-808-9833
Website: www.tradewindsresort.com/IG_default.asp

Airport Transportation

Tampa International Airport: 35-40 minute drive to the hotel. St. Pete's/Clearwater International Airport: 30 minute drive to the hotel. Super Shuttle to hotel is available for \$24 from the Tampa airport. Call 1-800-258-3826 for more information. Taxi fare to the hotel from Tampa airport is approximately \$50.



971 Corporate Boulevard • Suite 403 • Linthicum, MD 21090
410-694-0800 • 410-694-0900 fax • fpa@flexpack.org • www.flexpack.org

FPA'S 2009 ENVIRONMENTAL SUMMIT & SAFETY CONFERENCE REGISTRATION

January 21-23, 2009 • TradeWinds Island Grand Resort • St. Petersburg Beach, Florida

Registration Fee - FPA Member

Safety Conference- \$295.⁰⁰ Environmental Summit - \$495.⁰⁰ Safety and Environmental Combined - \$575.⁰⁰

Registration Fee - Non-Member

Safety Conference - \$450.⁰⁰ Environmental Summit - \$695.⁰⁰ Safety and Environmental Combined - \$895.⁰⁰

Registration Information

Last Name: _____ First: _____ Middle: _____

Name for badge: _____

Title: _____

Company Name: _____

Address: _____

City, State, Zip Code: _____

Telephone: (_____) _____ Fax: (_____) _____

Email address: _____

Yes, I will attend the FPA Environmental Committee Meeting on Tuesday, January 20, 2009.

Yes, I will attend the FPA Safety Committee Meeting on Tuesday, January 20, 2009.

Yes, I will attend the joint FPA Environmental & Safety Committee Meeting on Saturday, January 24, 2009.

I will attend the receptions on: Wednesday, January 21, 2009 Thursday, January 22, 2009

To participate in the golf tournament on Friday, January 23, 2009, please contact Jim Hillstrom, Glenroy, Inc., at 262-255-4422.

Payment Option One

Enclosed is my check for \$ _____, payable to the Flexible Packaging Association.

Payment Option Two

Please charge the \$ _____ registration fee to the following credit card:

American Express Master Card Visa

Card Number: _____ Expiration Date: ____ / ____

Cardholder's name (as it appears on the card): _____

Billing address zip code on credit card statement: _____

My signature authorizes the Flexible Packaging Association to charge the above amount to my credit card.

Signature: _____

Mail check or credit card payments to: **Flexible Packaging Association
971 Corporate Blvd., Suite 403
Linthicum, MD 21090**

Or fax credit card payment to: **(410) 694-0900, Attention: Dani Diehlmann**

**Information and online
registration is available
at www.flexpack.org**

CANCELLATION POLICY

To obtain a full refund of your conference registration fee, you must notify FPA in writing by January 12, 2009. After that date, refunds will be granted only for health or family reasons or in the event of a personal emergency. Refunds will not be made for business conflicts. FPA does not allow partial registrations or refunds.

HOTEL RESERVATION INFORMATION

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