

Center for the Polyurethanes Industry (CPI) Spray Polyurethane Foam (SPF) Chemical Health and Safety Training **Webinar**

February 1, 2011





CPI's Spray Foam Safety Training

- Safety is an industry priority
- Spray polyurethane foam (SPF) is in high demand
- The health and safety training program teaches good safety practices from start to finish
- Next steps in safety training



Commitment to Safety

- Product stewardship: www.spraypolyurethane.com
- Information for professionals, DIYers, homeowners
- Online training program enhances existing product stewardship, engages SPF users
- Work with regulators to optimize training program



Safety Training Goals

- Develop core health and safety information for applicators
- Improve the availability of health and safety information
 - Free and available to anyone online
- Track successful completion of training and testing by those who take it



Spray Foam in Demand

- SPF insulation is growing in demand
 - Residential demand for SPF insulation grew 24% per year from 2006 to 2008
- Product benefits attracting builders and homeowners
 - Estimated 30% savings compared to other insulations
 - Improved energy efficiency
- SPF insulation can save the energy equivalent of 500-700 barrels of oil over building lifespan



Program Overview

- **Free** online training and testing program
- 1.5 – 2 hours in duration
- “Recognition of Completion” issued for passing review test
- Learning Management System (LMS) tracks test statistics including the number of people trained
- A search function is available to confirm that an applicator has completed the training program



Easy Access Online

www.spraypolyurethane.org

The screenshot shows the website's homepage with a blue header containing the title "Spray Polyurethane Foam HEALTH and SAFETY" and a search bar. Below the header is a navigation menu with links for "Home", "Professional Contractors", "Weatherization Contractors", "Do-It-Yourselfer", and "Homeowners". The main content area features a "News Room" section with an introductory paragraph and four categorized tiles: "PROFESSIONAL" (SPF contractor/building and construction), "WEATHERIZATION" (contractor/professional), "DO-IT-YOURSELFER" (Installing SPF), and "HOMEOWNER" (having SPF professionally installed). A sidebar on the right contains a "New Training" section with a circular image of workers, a "Resources" section with a link to a "Health and Safety Product Stewardship Workbook", and a "KEYWORDS" section listing terms like "application applied benefits", "SPF contractor disposal", and "polyurethane".

New Training



CPI SPF
Chemical
Health and
Safety Online
Training

(Free—24

hours/day, 7 days/week)

» [CLICK HERE TO REGISTER!](#)

» [Check Applicator Status](#)



Selecting Training Modules

Virtual Training Assistant - Windows Internet Explorer

https://www2.virtualtrainingassistant.com/ACC_CPI/wc.dll?learner~cMenu~&Page=PlanFilter&Time=09:05:32&Host_Site=00

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Favorites | Spray Polyurethane Foam | Suggested Sites | Web Slice Gallery

Virtual Training Assistant

Virtual Training Assistant Learner

Home My Training My Reports Password Reset Contact Us Help Logoff

My Learner For: Doe, John

CPI Training
My History

Class Lessons
SPF Chemical Health & Safety Training (ACCSPF001)

Lesson Name	Lesson Type	Required	Status	Action
Introduction	Document	<input type="checkbox"/>	Not Started	Run *
MSDS	Document	<input type="checkbox"/>	Not Started	Run *
SPF Components	Document	<input type="checkbox"/>	Not Started	Run *
Chemical Exposure	Document	<input type="checkbox"/>	Not Started	Run *
A-side of SPF	Document	<input type="checkbox"/>	Not Started	Run *
B-side of SPF	Document	<input type="checkbox"/>	Not Started	Run *
Engineering Controls	Document	<input type="checkbox"/>	Not Started	Run *
Good Work Practices	Document	<input type="checkbox"/>	Not Started	Run *
PPE	Document	<input type="checkbox"/>	Not Started	Run *
First Aid	Document	<input type="checkbox"/>	Not Started	Run *
Therm. Decomposition	Document	<input type="checkbox"/>	Not Started	Run *
Spill Response	Document	<input type="checkbox"/>	Not Started	Run *
Handling/Disposal	Document	<input type="checkbox"/>	Not Started	Run *
Test - Required	Test	<input checked="" type="checkbox"/>	Not Started	Start Test *
Evaluation -Required	Evaluation	<input checked="" type="checkbox"/>	Not Started	Not Available
Completion Record	Document	<input type="checkbox"/>	Not Started	Not Available
Completion - Wallet	Document	<input type="checkbox"/>	Not Started	Not Available

Click Run to begin each Training Module

Back





Sample Unit

Unit 1 - MSDS - Windows Internet Explorer

http://c1.myvta.net/ACC_CPI/ACCUnit1_MSDS/ACCUnit1_MSDS.htm?aicc_url=https%3A%2F%2Fwww2%2Evirtualtrainingassistant%2Ecom%2FAC

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Unit 1 - MSDS

Unit 1 Objectives

In this unit you will learn about:

- Material Safety Data Sheets (MSDS)

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Safety Training Content

- Good safety practices from start to finish
- Appropriate set up, application and clean up
- Communication on site and with customers

Preparation	Interior Applicati	Exterior Applicati
Posting warning signs communicates site restrictions to unprotected workers.	✓	✓
To isolate the spray area, shut down the HVAC system and seal air intakes with plastic sheeting and	✓	✓
It is a good idea to ventilate the spray area during and after spraying in interior applications (consult SPF supplier for guidance).	✓	
To limit potential damage to surfaces, protect surfaces from potential SPF overspray.	✓	✓

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Review Questions

Unit 1 - MSDS - Windows Internet Explorer

http://cl.myta.net/ACC_CPI/ACCUnit1_MSDS/ACCUnit1_MSDS.htm?aicc_url=https%3A%2F%2Fwww2%2Evirtualtrainingassistant%2Ecom%2FAC

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Unit 1 - MSDS

Page Safety Tools

Knowledge Check

OSHA requires _____ to make MSDS available for every hazardous chemical used on the job.

- A) employers
- B) homeowners
- C) building occupants
- D) none of the above

That is correct!
Click anywhere to continue

Submit

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The Safety Training Test

Test Question 1 of 30

_____ is a possible cause of respiratory sensitization.

- A. A single exposure to the A-side (Iso) over the exposure limit without appropriate protection
- B. Repeated unprotected exposure exceeding the exposure limit for the A-side (Iso) without appropriate protection
- C. Repeated unprotected skin contact with A-side chemicals
- D. all of the above

<Prev

Next>

Go To

1



Finish

Quit

Use **Prev** and **Next** to navigate through the questions. When satisfied with your answers, click **Finish** to save.



“Recognition of Completion”

Recognition of Completion

DOE, JOHN

ID Number: 0000000232

successfully completed

SPF CHEMICAL HEALTH & SAFETY TRAINING

presented by

**The Center for the Polyurethanes Industry of the
American Chemistry Council**

Instructor: *Online*

Completed: 1/26/2011

Expiration: 1/26/2013

Course Code: ACCSPF001



Recognition of Completion
**SPF CHEMICAL HEALTH &
SAFETY TRAINING**

Name: DOE, JOHN

ID Number: 0000000232

Course Code: ACCSPF001

Completed: 1/26/2011

Expiration: 1/26/2013

Instructor: *online*






Helpful Search Function

File Edit View Favorites Tools Help

★ Favorites | ★ Spray Polyurethane Foam | Suggested Sites | Web Slice Gallery

CPI SPF Applicator Search

 CPI SPF Applicator Search

ID Number

Number	First	Last	Expiration Date
0000000232	John	Doe	January 26, 2013



Continuing Work

- ***Coming soon!*** In-person training as well as web delivery
 - Contact CPI at cpitraining@americanchemistry.com if interested in becoming a trainer
- Seeking feedback from industry participants, trainees, other interested parties to further refine the training program mid-year
- To be made available in Spanish



SPF Training-Good Practices for a Growing Market

- Safety and stewardship remain top priorities
- Spray polyurethane foam insulation and roofing is growing in popularity
- More to come in SPF training over the next year



Questions?

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American Chemistry Council

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