

## ISOCYANATES – REFRESHER

## INSTRUCTOR'S GUIDE

### MODULE OVERVIEW

This module provides an overview of isocyanates in collision repair. It presents information on how to identify products containing isocyanates and which work tasks generate exposure. Students learn about the health effects of exposure to isocyanates, and how to work safely with isocyanate-containing products. Selection and use of personal protective equipment are discussed, with emphasis on gloves and respirator selection.

### OBJECTIVES

When students have completed this module, they will be able to:

- Determine which products contain isocyanates using Safety Data Sheets.
- Identify tasks that generate exposure to isocyanates.
- Identify specific health effects induced by exposure to isocyanates.
- Demonstrate selection and use of gloves and respirators suitable for protection against isocyanates.

### CLASSROOM (15 min)

Narrated PowerPoint presentation: **Isocyanates – Refresher.swf**

**ATTENTION:**

You must have Flash Player installed before you run this presentation. Test your browser ahead of time.

Handout: **Isocyanates – Refresher – Handout.pdf**

### LAB

none

### HOMEWORK

- **Isocyanates – Refresher – Homework.pdf** – students learn about health problems due to isocyanate exposure during truck-bed lining applications.
- **Quiz – Isocyanates**

### ADDITIONAL RESOURCES

**“I want to know more” folder** – additional information on isocyanates, work-related asthma, fatality investigation reports, and guidelines for spraying truck-bed lining insulation.

