Hazard Communication

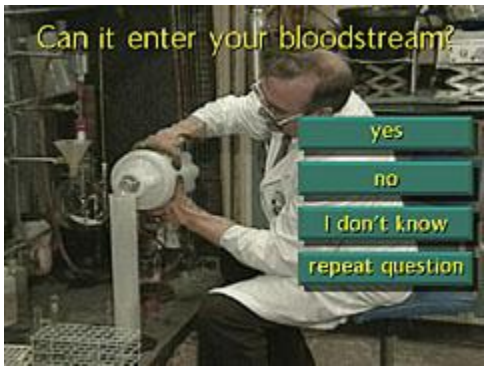
Audience: For all workers

Average Training Time: 45 to 75 minutes

US Code of Federal Regulation Reference: Title 29, Part 1910, Section 1200

Format / *Product Code:* CD-ROM (MPEG Video)/ *STHZCMPG*

Mastery interactive version based on original video content produced by: Summit Training Source, Inc.



OVERVIEW

Hazard Communication will help you comply with OSHA's Right-To-Know standard.

This comprehensive, broadcast-quality course covers all aspects of hazard communications. It discusses in detail exposure concepts, six major hazard categories, how to read and interpret the four major labeling systems, and how to read all sections of a Material Safety Data Sheet.

This course features a special "Modification Guide" which details the extensive alternative content that is included on the CD-ROM. Use this guide in conjunction with the MODIFY™ program to tailor the course to your organization's precise needs without having to produce any media of your own. Included in the alternative content are detailed and summary content for each of the four major labeling standards, HMIS, NFPA, ANSI, and DOT.

TOPICS

The course presents interactive instruction covering the following topical areas:

Exposure

- Substance Forms
- Routes of Entry
- Acute Effects of Exposure
- Chronic Effects of Exposure
- Personal Protection
- Engineering Controls
- Goggles and Face Shields
- Respirators

- Hygiene

Hazards

- Toxic
- Irritant
- Corrosive
- Flammable
- Classifications
- Handling
- Storage
- Combustible
- Oxidizer
- List of Hazardous Materials

Labels

- Label Requirements
- ANSI Labels
- The Degree of Hazard
- Handling and Emergency Procedures
- HMIS Labels
- Label Contents
- Health Hazard Rating
- Flammability Rating
- Reactivity Rating
- Personal Protection Codes
- NFPA Labels
- Special Hazards
- DOT Labels
- DOT Placards
- Hazard Classes

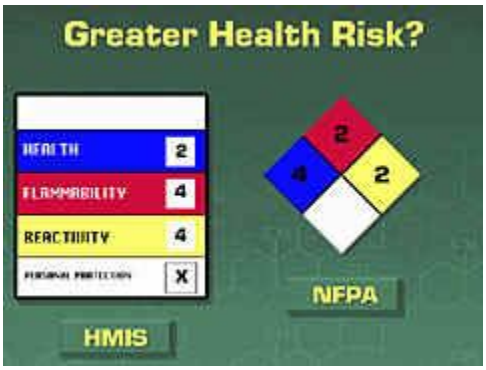
MSDSs

- Key Components and Requirements
- Manufacturer Information
- Hazardous Ingredients
- Physical and Chemical Characteristics
- Fire and Explosion Hazards
- Reactivity Data
- Health Hazard Data
- Handling Precautions
- Control Measures

System Planning

- Selecting the Best System
- Potential Hazards

PERFORMANCE OBJECTIVES



This course will measure mastery on each of the following performance objectives. Upon completion, workers will be able to...

Explain how exposure occurs

1. List the forms a substance can take.
2. Identify routes of entry into the body.

Protect yourself from over-exposure

1. Differentiate acute and chronic effects.
2. Identify basic safety precautions when using hazardous chemicals.

Evaluate the dangers of hazardous materials

1. Identify characteristics associated with specific hazard categories.
2. Link a consequence to a type of hazard.
3. Define “flashpoint”.
4. Differentiate flammable and combustible flashpoints.

Obtain information about hazardous materials

1. List the forms of communication used to identify hazards.
2. Identify a chemical’s hazards using labels.

Assess the degree of risk using label information

1. Select the label from a group of HMIS and NFPA labels.
2. Select the label from a group of HMIS and NFPA labels which poses the greatest flammability risk.
3. Select the label from a group of HMIS and NFPA labels which poses the greatest reactivity risk.
4. Recognize how DOT labels classify hazards by color and number on DOT label.

Locate an MSDS

1. Acknowledge that MSDSs are filed according to individual work area procedures.

Use Material Safety Data Sheets

1. Recognize that exposure limits are measured and monitored.
2. Locate the section of the MSDS where fire extinguisher and flash point information is provided.
3. Identify the section of the MSDS containing physical characteristics such as vapor pressure and specific gravity.
4. Locate the section of the MSDS where emergency first aid procedures are provided.
5. Locate storage and handling procedures on an MSDS.
6. Determine the correct personal protective equipment using an MSDS.