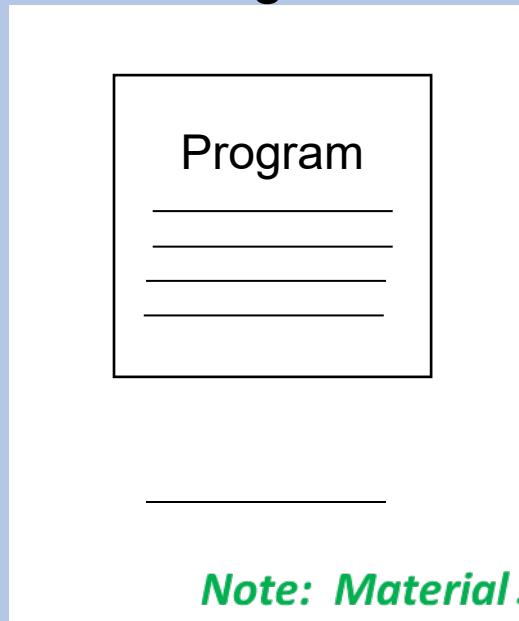


Hazard Communication Standard

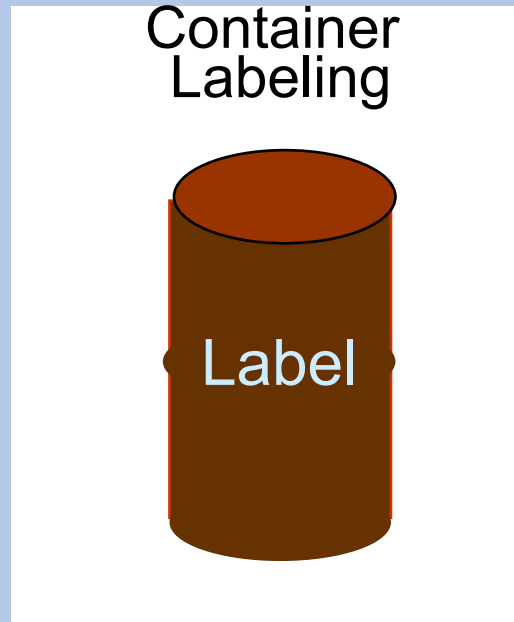
Global Harmonization System

Purpose of OSHA's Hazard Communication Standard

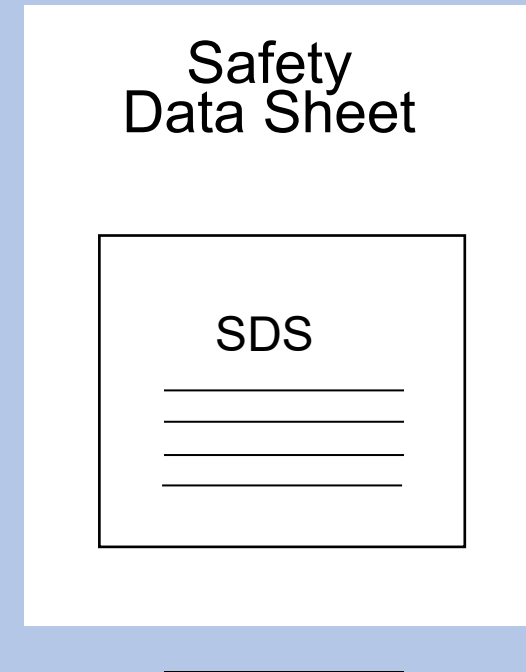
Hazard Communication Program



Container Labeling



Safety Data Sheet



Note: Material Safety Data Sheet (MSDS) is now Safety Data Sheet (SDS). SDS's must be used after 12/1/2015

Globally Harmonized System

- GHS provides a common and coherent way to:
 - Classify the hazards of chemicals used in the workplace, and;
 - Communicate those hazards
 - labels
 - safety data sheets
 - International System



Hazardous Chemicals

Chemical – Anything that is not an article

Article –

1. Molded to a specific shape or design
2. Its use is dependent on its shape or design
3. Does not release or otherwise result in exposure to a hazardous chemical

Hazardous

Health hazard

Physical hazard

HazCom Basics

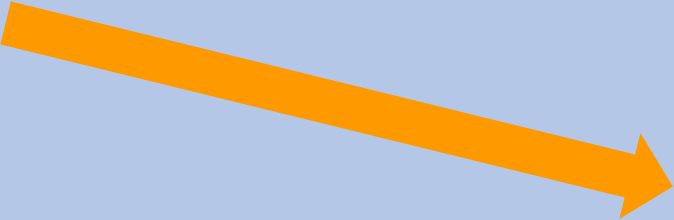
- Hazard Communication Standard gives employees the RIGHT of all employees to information regarding substances in the workplace
- Employer responsibilities under the Hazard Communication standard:
 - Notification of employers/employees of chemicals and their potential hazards
 - Identification of these hazards through Safety Data Sheets and Labels
 - Communication through training regarding hazards and how to protect against them

Mechanism for Information Distribution

Chemical
Manufacturer/
Importer

Distributor

User Employer



Safety
Data
Sheets

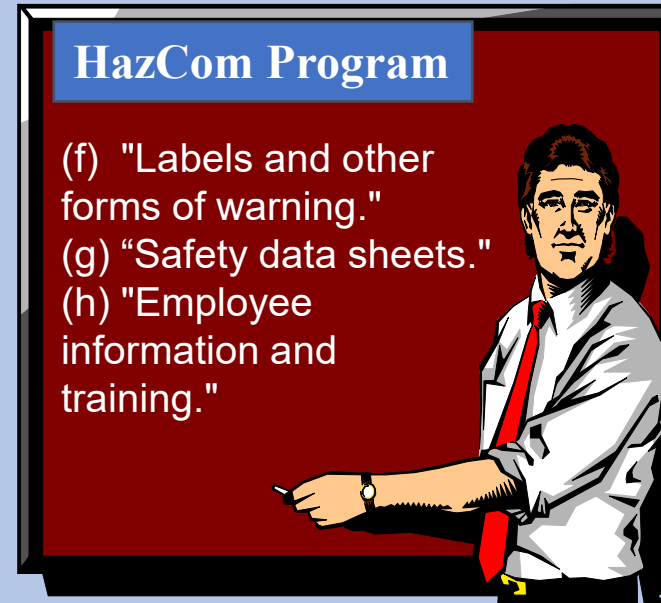
Labels



Note: Material Safety Data Sheet (MSDS) is now Safety Data Sheet (SDS). SDS's must be used after 12/1/2015

A written program is required

- Ensures that all employers receive the information they need to inform and train their employees
- Provides necessary hazard information to employees
- States who does what.



Hazard Communication Program

Components of written program:

- Lists of hazardous chemicals present
- Availability of SDSs to
 - employees
 - downstream employers
- Labeling of chemical containers
- Training programs regarding
 - hazards of chemicals
 - protective measures

Hazard Communication Program

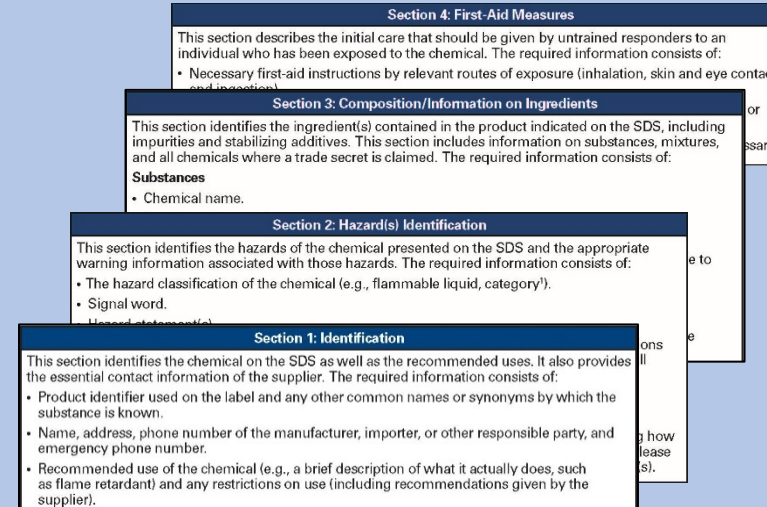
List of hazardous chemicals:

- Use product identifier
 - Product name, common name or chemical name
 - Same as name used on SDS and label
- Covers all chemicals in all forms,
- Include chemicals in
 - containers,
 - pipes,
 - those generated by work operations

Hazard Communication Program

Safety data sheet (SDS):

- Available and accessible to workers
- Required for all hazardous chemical used
- Do not use hazardous chemicals if there is no SDS available
- 16-section format



Source: OSHA

Hazard Communication Program

SDS documentation:

- Designate person(s) responsible for obtaining and maintaining SDSs
- Describe how SDSs are maintained and how employees can access them
- Procedures if SDS is not received with first shipment
- Must have SDS for each chemical; train workers on SDS format and use



Source: OSHA

Employer Responsibilities

- Develop a written hazard communication program
- Implement the program
- Maintain and update the program as necessary

Employer Responsibilities

Chemical Labelling:

- Ensure labels are on incoming chemicals
- Ensure chemicals in workplace are properly labeled, tagged, or marked
 - Labels intact for shipped containers
 - Labels on fixed containers
 - Labels on secondary containers

Employer Responsibilities

Safety Data Sheets (SDS):

- Maintain SDSs from shipments
- Obtain SDSs if not received
- Ensure SDSs are readily accessible to workers

Employer Responsibilities

Training Responsibilities

- Provide information and training to employees
- Provide information/access for employees in multi-employer workplaces

Chemicals Not Covered by Hazard Communication

- Registered Pesticides
 - Regulated by EPA under Federal Insecticide, Fungicide, Rodenticide Act
 - Hazard information on approved label
- Hazardous waste (as defined by the Resource Conservation Recovery Act.)
- FDA regulated medicines when they are being used as a treatment
- Food and alcoholic beverages
- Cosmetics

Trade Secret Ingredients

- Manufacturer can withhold trade secret ingredients from SDS
 - Must, however, list the hazards of the secret ingredient(s)
- Disclosure of ingredient
 - Emergency - Immediately to treating health care professional
 - Non Emergency – After meeting trade secret provisions in the standard, the trade secret ingredient(s) are to be provided to:
 - Health Care Professionals
 - EHS Professionals
 - Exposed Employees
 - Designated Representatives of exposed employees

Questions?