

## [Hazard Communication](#)

### **Additional Resources:**

- [Complete OSHA Standard](#)
- [FAQ](#)


(made applicable to construction by 1926.59)

Employers shall develop, implement, and maintain at the workplace a written hazard communication program for their workplaces.

Employers must inform their employees of the availability of the program, including the required list(s) of hazardous chemicals, and Safety Data Sheets (SDS) required. 1910.1200(e)(1) and (e)(4)

The employer shall ensure that each container of hazardous chemicals in the workplace is labeled, tagged, or marked with the identity of the hazardous chemical(s) contained therein; and must show hazard warnings appropriate for employee protection. 1910.1200(f)(5)

## HCS Pictograms and Hazards

<p style="text-align: center;">Health Hazard</p>  <ul style="list-style-type: none"> <li>▪ Carcinogen</li> <li>▪ Mutagenicity</li> <li>▪ Reproductive Toxicity</li> <li>▪ Respiratory Sensitizer</li> <li>▪ Target Organ Toxicity</li> <li>▪ Aspiration Toxicity</li> </ul>	<p style="text-align: center;">Flame</p>  <ul style="list-style-type: none"> <li>▪ Flammables</li> <li>▪ Pyrophorics</li> <li>▪ Self-Heating</li> <li>▪ Emits Flammable Gas</li> <li>▪ Self-Reactives</li> <li>▪ Organic Peroxides</li> </ul>	<p style="text-align: center;">Exclamation Mark</p>  <ul style="list-style-type: none"> <li>▪ Irritant (skin and eye)</li> <li>▪ Skin Sensitizer</li> <li>▪ Acute Toxicity (harmful)</li> <li>▪ Narcotic Effects</li> <li>▪ Respiratory Tract Irritant</li> <li>▪ Hazardous to Ozone Layer (Non-Mandatory)</li> </ul>
<p style="text-align: center;">Gas Cylinder</p>  <ul style="list-style-type: none"> <li>▪ Gases Under Pressure</li> </ul>	<p style="text-align: center;">Corrosion</p>  <ul style="list-style-type: none"> <li>▪ Skin Corrosion/Burns</li> <li>▪ Eye Damage</li> <li>▪ Corrosive to Metals</li> </ul>	<p style="text-align: center;">Exploding Bomb</p>  <ul style="list-style-type: none"> <li>▪ Explosives</li> <li>▪ Self-Reactives</li> <li>▪ Organic Peroxides</li> </ul>
<p style="text-align: center;">Flame Over Circle</p>  <ul style="list-style-type: none"> <li>▪ Oxidizers</li> </ul>	<p style="text-align: center;">Environment (Non-Mandatory)</p>  <ul style="list-style-type: none"> <li>▪ Aquatic Toxicity</li> </ul>	<p style="text-align: center;">Skull and Crossbones</p>  <ul style="list-style-type: none"> <li>▪ Acute Toxicity (fatal or toxic)</li> </ul>

Chemical manufacturers and importers shall obtain or develop a Safety Data Sheet for each hazardous chemical they produce or import. Employers shall have a Safety Data Sheet for each hazardous chemical they use. 1910.1200(g)(1)

Employers shall provide employees with information and training on hazardous chemicals in their work area at the time of their initial assignment, and whenever a new hazard is introduced into their work area. Employers shall also provide employees with information on any operations in their work area where hazardous chemicals are present, and the location and availability of the written hazard communication program, including the required list(s) of hazardous chemicals, and Safety Data Sheets required by the standard. 1910.1200(h)(1) and (2)(i) through (iii)

Employers who produce, use, or store hazardous chemicals at multi-employer workplaces

shall additionally ensure that their hazard communication program includes the methods used to provide other employers with a copy of the Safety Data Sheet for hazardous chemicals other employers' employees may be exposed to while working; the methods used to inform other employers of any precautionary measures for the protection of employees; and the methods used to inform the other employers of the labeling system used in the workplace. 1910.1200(e)(2)

## **Hazardous Waste Operations**

Employers must develop a written safety and health program for employees involved in hazardous waste operations. At a minimum, the program shall include a comprehensive work plan, standard operating procedures, a site specific safety and health plan (which need not repeat the standard operating procedures), the training program, and the medical surveillance program. 1926.65(b)(1)

A site control program also shall be developed and shall include, at a minimum, a map, work zones, buddy systems, site communications including alerting means for emergencies standard operating procedures or safe work practices, and identification of the nearest medical assistance. 1926.65(d)(3)

Training must be provided for all site employees, their supervisors, and management who are exposed to health or safety hazards. 1926.65(e)