

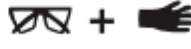
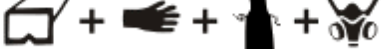



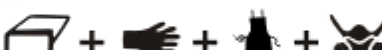

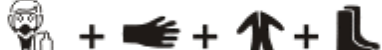















HMIS Hazardous Materials Identification System

HMIS Label Example

<small>HMIS®</small>	
Chemical Name	
HEALTH	* 2
FLAMMABILITY	1
PHYSICAL HAZARD	0
PERSONAL PROTECTION	
A	
Emergency Overview: Summarize the nature and appearance of the chemical and the important health hazards.	
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PERSONAL PROTECTION INDEX													
A				G									
B				H									
C				I									
D				J									
E				K									
F				X	Consult your supervisor or S.O.P. for "SPECIAL" handling directions								
A		n		o		p		q		r		s	
Safety Glasses		t		u		w		y		z		Additional Information	
Dust Respirator		Safety Glasses		Vapor Respirator		Dust & Vapor Respirator		Full Face Respirator		Airline Hood or Mask			

HMIS HEALTH HAZARD RATING CHART	
* CHRONIC HAZARD	Chronic (long-term) health effects may result repeated overexposure.
0=MINIMAL HAZARD	No significant risk to health.
1=SLIGHT HAZARD	Irritation or minor reversible injury possible.
2=MODERATE HAZARD	Temporary or minor injury may occur.
3=SERIOUS HAZARD	Major injury likely unless prompt action is taken and medical treatment is given.
4=SEVERE HAZARD	Life-threatening, major or permanent damage may result from single or repeated overexposures.

HMIS Hazardous Materials Identification System

HMIS FLAMMABILITY HAZARD RATING CHART	
0=MINIMAL HAZARD	Materials that will not burn.
1=SLIGHT HAZARD	Materials that must be preheated before ignition will occur. Includes liquids, solids and semi solids having a flash point above 200° F. (Class IIIB)
2=MODERATE HAZARD	Materials which must be moderately heated or exposed to high ambient temperatures before ignition will occur. Includes liquids having a flash point at or above 100° F but below 200° F. (Classes II & IIIA)
3=SERIOUS HAZARD	Materials capable of ignition under almost all normal temperature conditions. Includes flammable liquids with flash points below 73° F and boiling points above 100° F. as well as liquids with flash points between 73° F and 100° F. (Classes IB & IC)
4=SEVERE HAZARD	Flammable gases, or very volatile flammable liquids with flash points below 73° F, and boiling points below 100° F. Materials may ignite spontaneously with air. (Class IA)

HMIS PHYSICAL HAZARD RATING CHART	
0=MINIMAL HAZARD	Materials that are normally stable, under fire conditions and will not react to water, polymerize, decompose, condense or self react.
1=SLIGHT HAZARD	Materials that are normally stable but can become unstable at high temperature and pressures. Materials may react non-violently with water or undergo hazardous polymerization in the absence of inhibitors.
2=MODERATE HAZARD	Materials that are unstable and may undergo violent chemical change at normal temperature and pressure with low risk for explosion. Materials may react violently with water or form peroxides upon exposure to air.
3=SERIOUS HAZARD	Materials that may form explosive mixtures with water are capable of detonation or explosive reaction in the presence of a strong initiating source or undergo chemical change at normal temperature and pressure with moderate risk of explosion.
4=SEVERE HAZARD	Materials that are readily, capable of water reaction, detonation or explosive decomposition at normal temperatures and pressures.