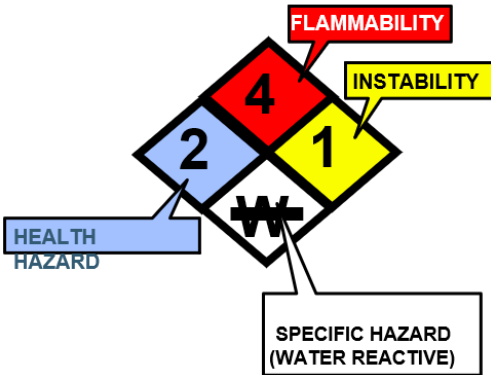


HAZARD COMMUNICATION

UNDERSTANDING THE NFPA 704 & HMIS PLACARDS

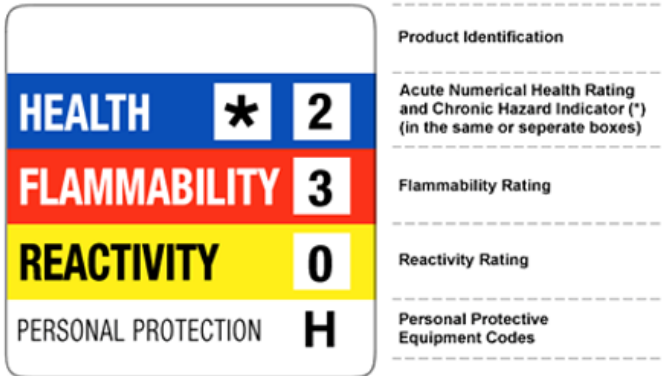
Labeling – NFPA 704 System



NFPA Rating Explanation Guide					
RATING NUMBER	HEALTH HAZARD	FLAMMABILITY HAZARD	INSTABILITY HAZARD	RATING SYMBOL	SPECIAL HAZARD
4	Can be lethal	Will vaporize and readily burn at normal temperatures	May explode at normal temperatures and pressures	ALK	Alkaline
3	Can cause serious or permanent injury	Can be ignited under almost all ambient temperatures	May explode at high temperature or shock	ACID	Acidic
2	Can cause temporary incapacitation or residual injury	Must be heated or high ambient temperature to burn	Violent chemical change at high temperatures or pressures	COR	Corrosive
1	Can cause significant irritation	Must be preheated before ignition can occur	Normally stable. High temperatures make unstable	OX	Oxidizing
0	No hazard	Will not burn	Stable		Radioactive
				W	Reacts violently or explosively with water
				W OX	Reacts violently or explosively with water and oxidizing

This chart for reference only - For complete specifications consult the NFPA 704 Standard

Labeling – HMIS System



Hazardous Materials Identification System

HAZARD INDEX

4 Severe Hazard 0 Minimal Hazard
 3 Serious Hazard • An asterisk (*) or other designation corresponds to additional information on a data sheet or separate chronic effects notification.
 2 Moderate Hazard
 1 Slight Hazard

PERSONAL PROTECTION INDEX

A Safety Glasses
 B Safety Glasses + Gloves
 C Safety Glasses + Gloves + Goggles
 D Safety Glasses + Gloves + Goggles + Apron
 E Safety Glasses + Gloves + Goggles + Apron + Respirator
 F Safety Glasses + Gloves + Goggles + Apron + Respirator + Hood

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G Safety Glasses + Gloves + Goggles

H Safety Glasses + Gloves + Goggles + Apron

I Safety Glasses + Gloves + Goggles + Apron + Respirator

J Safety Glasses + Gloves + Goggles + Apron + Respirator + Hood

K Safety Glasses + Gloves + Goggles + Apron + Respirator + Hood + Full Face Respirator

X Consult your supervisor or S.O.P. for special handling directions

A Safety Glasses n Splash Goggles o Face Shield & Eye Protection p Gloves q Boots

r Synthetic Apron s Full Suit t Dust Respirator u Vapor Respirator w Dust & Vapor Respirator

y Full Face Respirator z Airline Hood or Mask

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NFPA 704 & HMIS COMPARISON



The significant differences are the HMIS provides more information including the Chemical Name and assigns the Personal Protective Equipment (PPE) to be worn, to safely handle the chemical.

