

## Chemical Hazards include

Respiratory Hazards  
Chemical Burns  
Eye Hazards  
Poisoning  
Fires & Explosions

## Protect yourself.... know the chemical hazards, properties & precautions

**Health Hazards** can affect your immediate or long term health. Health effects for any given chemical will depend on the toxicity, duration of exposure and amount of exposure.

**Fire Hazard** ratings range from *non-flammable* to *highly flammable*. Flashpoint is the temperature at which chemical vapors will ignite.

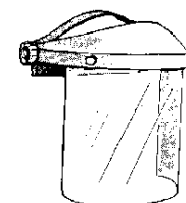
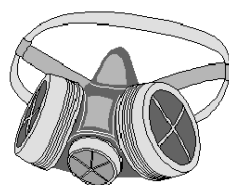
**Reactivity** ratings describe the hazards of the material stability - some chemicals will explode or react violently if exposed to heat or shock

**Other Hazards** - special markings are required if the material is radioactive, an oxidizer, acid or base or will react when exposed to other materials.

## Hazard Controls

- Label all chemical containers
- Proper chemical storage containers & areas
- Segregation of incompatible chemicals
- Personal Protective Equipment
- Employee training
- Use minimum amount necessary
- Flammable liquid container Bonding & Grounding

**Report all chemical spills immediately**



## Smart Safety Rules

Read and understand the Material Safety Data Sheets (MSDS)

Keep the work area clean & orderly

Use the necessary safety equipment

Label every container

Store incompatible chemicals in separate areas

Substitute less toxic materials whenever possible

Limit the volume of volatile or flammable chemicals used

Don't pour chemicals down the drain

Properly dispose of "empty" containers

