



HAZARD MATERIAL / SAFETY TRAINING

Many individuals have become unconcerned with the use of hazardous materials because these are prevalent in the industry. Employees must understand the risks associated with the use of these materials and should have a good understanding of how to protect themselves from known hazards.

There are currently more than 575,000 hazardous materials in use in industry today and approximately another 10,000 new ones are developed each year. With this continuous onslaught hazardous materials, it is imperative that we understand the risks associated with their use.

Hazardous Materials

Categories:

- Corrosive
- Flammable
- Toxic
- Reagents
- Biological (infectious materials)
- Carcinogens (cancer causing)
- Radioactive

Physical states of hazardous materials:

- Liquids
- Solid
- Gases
- Vapors

Routes of exposure to hazardous materials:

- Ingestion (through the mouth)
- Inhalation (breathing).
- Absorption (through the skin).
- Injection (by skin penetration, as in needles).

Rules for safe handling and use:

- Always read the MSDS before using a hazardous material.
- Read all labels regarding hazardous materials.
- Always wear appropriate personal protective equipment.
- Always safely store unused hazardous materials.
- Be careful of potential sources of ignition when using materials flammable.
- Be sure to properly dispose of hazardous materials.
- Store hazardous materials in suitable containers and places.
- Notify the supervisor when you encounter a problem related to a material dangerous.
- Never use hazardous materials for purposes other than those for which they are intended.
- Report all injuries and illnesses related to the use of materials dangerous.