



## Hyattsville Volunteer Fire Department Training

HazMat Module



## HazMat Call Types

- Fire
- MVA
- Metro



## Rules of HazMat

- Always remain upwind
- Always remain uphill
- You should be far enough away so that if you make an “OK” sign with your fingers, the entire scene should fit within the “O”



## Identifying HazMat

- The US Department of Transportation (USDOT) releases the Emergency Response Guidebook (ERG)
- Primarily a guide to aid first responders to:
  - Quickly identify the specific or generic classification of the material(s) involved in the incident.
  - Protect themselves and the general public during this initial response phase of the incident.

## Class 1: Explosives

- Division 1.1 Explosives
  - Mass Explosion Hazard
- Division 1.2 Explosives
  - Project Hazard
- Division 1.3 Explosives
  - Predominantly Fire Hazard
- Division 1.4 Explosives
  - No Significant Blast Hazard
- Division 1.5 Blasting Agents
  - Very Insensitive Explosives, Blasting Agents
- Division 1.6 Explosions
  - Extremely Insensitive Detonating Agents



# HYATTSVILLE volunteers

## Class 2: Compressed Gas

- Division 2.1 Flammable Gas
- Division 2.2 Non-flammable, Non-poisonous Gas
- Division 2.2 Oxygen
- Division 2.3 Toxic Gas





## Class 3: Flammable Liquids

- Flammable Liquids
- Combustible Liquids
- Gasoline
- Fuel Oil





## Class 4: Flammable Solids

- Division 4.1 Flammable Solid
- Division 4.2 Spontaneously Combustible
- Division 4.3 Dangerous When Wet





## Class 5: Oxidizers

- Division 5.1 Oxidizers
- Division 5.2 Organic Oxidizer





## Class 6: Toxic Substances

- Division 6.1 Toxic Substances
- Division 6.2 Infectious Substances





## Class 7: Radioactive

- Radioactive





## Class 8: Corrosive

- Corrosive





## Class 9: Misc. Hazards

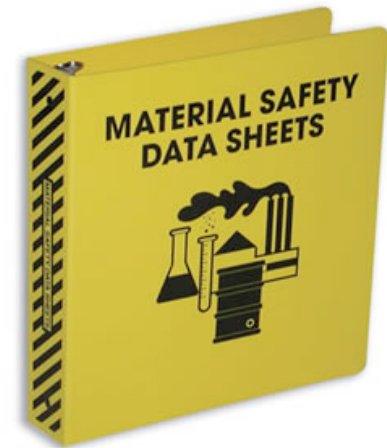
- Misc. Hazards





## Material Safety Sheets

- Section 1 - Materials and Company Identification
- Section 2 - Material Composition and Information on Ingredients
- Section 3 - Hazards Identification
- Section 4 - First Aid Measures
- Section 5 - Fire Fighting Measures
- Section 6 - Accidental Release Measures
- Section 7 - Handling and Storage
- Section 8 - Exposure Controls/Personal Protection
- Section 9 - Physical and Chemical Characteristics
- Section 10 - Stability/Reactivity
- Section 11 - Toxicological Information
- Section 12 - Ecological Information
- Section 13 - Disposal Considerations
- Section 14 - Transport Information
- Section 15 - Regulatory Information
- Section 16 - Other Information





## Gas Detectors

- Natural Gas Detectors
- Multi-Gas Detectors



## Key Points

- **Chemical manufacturers are required to provide you with Material Safety Data Sheets (MSDS).**
- **You have the right to be informed of all known hazards associated with the chemicals you are working with.**
- ***You* have the responsibility to learn how to use the information provided.**