

WHMIS

Workplace Hazardous Materials Information System

Class A – Compressed Gas

This includes:

- Compressed gases
- Dissolved gases
- Liquefied gases

Where do we see it at school?

- Metal shop (oxygen, and acetylene tanks)
- Science Class (helium tank)



Class B – Flammable/Combustible Material



This includes:

- solids, liquids and gases
- Any materials that will catch fire near a spark or open flame

Where is it found in our school?

- Metal Shop – gasoline
- Wood Shop – turpentine
- Science Class – Ethanol, Isopropyl Alcohol

Class C – Oxidizing Material



This includes:

- Any material that increases the risk of fire if they contact flammable materials

Where its found in the school:

- Science Class – bleach, hydrogen peroxide
- Shop Class -

Class D1 – Materials Causing Immediate and Serious Toxic Effects



These materials can:

- Cause death or immediate injury

Where its found in the school:

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Class D2 – Poisonous and Infectious Material Causing Other Effects



This includes:

- Materials causing life-threatening and serious long-term health problems
- Causes less severe but immediate reactions from repeated exposure to small amounts

Examples:

- Asbestos
- Lead

Class D3 – Biohazardous Infectious Material



This includes:

- Materials with organisms that are shown to cause disease
- Materials that are probable cause of disease in persons or animals

Examples:

- Contaminated blood

Class E – Corrosive Material



This includes materials that:

- Are caustic or acidic
- Can destroy skin or eat through metals

Where is it found in the school:

- Science class – acids and bases
- Cleaning supplies

Class F – Dangerously Reactive Materials

- This includes materials that:
- May self-react dangerously (may explode) when exposed to physical shock or increased temperature or pressure
 - May emit toxic gases when exposed to water or air

