

## WHMIS Classification of Materials

Symbol	Classes	Definition	Examples
	<b>A Compressed gases</b>	Products held under pressure	Oxygen Propane
	<b>B Flammable and combustible materials</b> B1 Flammable gases B2 Flammable liquids B3 Combustible liquids B4 Flammable solids B5 Flammable aerosols B6 Reactive flammable materials	Products that will burn or catch on fire easily	Propane Acetone Kerosene Magnesium Sodium
	<b>C Oxidizing materials</b>	Products that can cause or promote combustion of another material (whether or not they are themselves combustible) or products that are organic peroxides.	Hydrogen peroxide Nitric acid
	<b>D1 Materials causing immediate and serious toxic effects</b>	Products that can rapidly cause harmful health effects, including death	Carbon monoxide Phenol
	<b>D2 Materials causing other toxic effects</b>	Products whose health effects generally appear over time following one or several exposures	Benzene Diisocyanates Lead
	<b>D3 Bio hazardous infectious materials</b>	Living organisms or their toxins that can cause disease in people or animals	AIDS virus Hepatitis B virus Rabies virus
	<b>E Corrosive materials</b>	Products that can corrode metal surfaces or cause burns to skin	Caustic soda Hydrochloric acid Bleach
	<b>F Dangerously reactive materials</b>	Products that can be health or safety hazards under certain conditions (pressure, temperature, impact, violent reaction with water or air)	Fluorine Hydrogen cyanide B-Chloroprene