



WHMIS SYMBOLS

Risks		Precautions
Compressed Gas		<p>MATERIALS WHICH ARE NORMALLY GASEOUS KEPT IN A PRESSURIZED CONTAINER</p> <ul style="list-style-type: none"> • Could explode due to pressure • Could explode if heated or dropped • Possible hazard from both the force of explosion and the release of contents <p>ENSURE CONTAINER IS ALWAYS SECURED</p> <ul style="list-style-type: none"> • Store in appropriate designated areas • Do not drop or allow to fall
Flammable and Combustible		<p>MATERIALS WHICH WILL CONTINUE TO BURN AFTER BEING EXPOSED TO A FLAME OR OTHER IGNITION SOURCE</p> <ul style="list-style-type: none"> • May ignite spontaneously • May be a material which will release flammable products if allowed to degrade or when exposed to water <p>STORE IN PROPERLY DESIGNATED AREAS WORK IN WELL VENTILATED AREAS</p> <ul style="list-style-type: none"> • Avoid heating • Avoid sources of sparks / flames • Ensure electrical sources are safe
Oxidizing Material		<p>MATERIALS WHICH CAN CAUSE OTHER MATERIALS TO BURN OR SUPPORT COMBUSTION</p> <ul style="list-style-type: none"> • Can cause skin or eye burns • Increase fire and explosion hazard • May cause combustibles to explode or react violently <p>STORE IN AREAS AWAY FROM COMBUSTIBLES WEAR BODY, HAND, FACE AND EYE PROTECTION</p> <ul style="list-style-type: none"> • Store in proper containers which will not rust or oxidize
Toxic Immediate and Severe		<p>POISONS / POTENTIALLY FATAL MATERIALS WHICH CAUSE IMMEDIATE AND SEVERE HARM</p> <ul style="list-style-type: none"> • May be fatal if ingested or inhaled • May be absorbed through the skin • Small volumes have a toxic effect <p>AVOID BREATHING DUST OR VAPOURS AND AVOID CONTACT WITH SKIN OR EYES</p> <ul style="list-style-type: none"> • Wear protective clothing which is effective against fumes and vapours • Wear face and eye protection • Work in well ventilated areas and wear breathing protection
Toxic Long Term Concealed		<p>MATERIALS WHICH HAVE HARMFUL EFFECTS AFTER REPEATED EXPOSURES OR OVER LONG PERIODS OF TIME</p> <ul style="list-style-type: none"> • May cause death or permanent injury • May cause birth defects or sterility • May cause cancer • May be sensitizer causing allergies <p>WEAR APPROPRIATE PERSONAL PROTECTION WORK IN A WELL VENTILATED AREA</p> <ul style="list-style-type: none"> • Store in appropriate designated areas • Avoid direct contact • Use hand, body, face and eye protection • Ensure respiratory and body protection is appropriate for the specific hazard
Biohazardous Infectious		<p>INFECTIOUS AGENTS OR A BIOLOGICAL TOXIN CAUSING A SERIOUS DISEASE OR DEATH</p> <ul style="list-style-type: none"> • May cause anaphylactic shock • Includes Viruses, Yeasts, Moulds, Bacteria and Parasites which affect humans • Includes fluids containing toxic products • Includes cellular components <p>SPECIAL TRAINING REQUIRED WORK IN DESIGNATED BIOLOGICAL AREAS WITH APPROPRIATE ENGINEERING CONTROLS</p> <ul style="list-style-type: none"> • Avoid forming aerosols • Avoid breathing vapours • Avoid contamination of people / area • Store only in special designated areas
Corrosive Materials		<p>MATERIALS WHICH REACT WITH METALS AND LIVING TISSUE</p> <ul style="list-style-type: none"> • Eye and skin irritation on exposure • Severe burns/tissue damage on longer exposure • Lung damage if inhaled • May cause blindness if eyes contacted • Environmental damage from fumes <p>WEAR BODY, FACE AND EYE PROTECTION USE BREATHING APPARATUS</p> <ul style="list-style-type: none"> • Ensure protective equipment is appropriate • Work in well ventilated area • Avoid all direct body contact • Use appropriate storage containers and ensure proper non-venting closures
Dangerously Reactive		<p>MATERIALS WHICH MAY HAVE UNEXPECTED REACTIONS</p> <ul style="list-style-type: none"> • May react with water • May be chemically unstable • May explode if exposed to shock or heat • May release toxic or flammable vapours • May vigorously polymerize • May burn unexpectedly <p>HANDLE WITH CARE AVOIDING VIBRATION, SHOCKS AND SUDDEN TEMPERATURE CHANGES</p> <ul style="list-style-type: none"> • Store in appropriate containers • Ensure storage containers are sealed • Store and work in designated areas

People working safely in the safest
and healthiest workplaces in the world.

For More Information: