



# WHMIS SYMBOLS

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

For More Information:

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