

Safety Symbols

HHPS:

- HHPS stands for _____
- This is a set of _____ that warn _____ what _____ the product may contain.
- These symbols are _____ for all chemical _____.
They MUST be drawn on the labels of all chemical products.

HHPS symbols are classified as follows:

a) _____



- A poisonous substance is one that can cause immediate _____ to an _____ (anything living).
- The symbol for a poisonous substance is the _____ and _____.

b) _____



- A flammable substance is one that can catch _____ very easily.
- The symbol for a flammable substance is a _____.

c) _____



- An explosive substance can _____ very easily if heated or _____.
- The symbol for an explosive substance is a diagram that looks like an exploding _____.

d) _____



- A corrosive substance is one that can easily _____ through other pieces of matter.
- The symbol for a corrosive substance is a _____ turning into a _____ when dipped into a liquid.

The HHPS system not only uses these four symbols, but it also describes to us how severe the danger is.



•When the symbol is placed inside of a yellow upside-down triangle it tells us that _____ should be taken when using the product.



•When the symbol is placed inside of an orange diamond, it is _____ us that the danger is more severe.



•When the symbol is placed inside of a red octagon (like a stop sign), it means that the chemical has extreme _____ and must be used very carefully.

WHIMIS:

- stands for the _____
- Similar to HHPS, WHMIS also uses safety symbols to let users know what dangers the chemical may possess.

There are 8 WHMIS symbols:

a) _____ – this means that _____ is under very high pressure inside of its container and therefore may explode easily.



b) _____ – same meaning as in the HHPS category.



c) _____ – this product will contain highly reactive _____ (more dangerous than the oxygen we breathe).



d) _____ – same meaning as in the combine category.



e) _____ – this substance will combine with almost any chemical around it and therefore cause a potentially dangerous _____.



f) _____ – this substance came from an organism and may contain _____ or _____.






g) _____ – this substance is very toxic and may be fatal.



h) _____ – this is a less severe (mildly) than the category above. The substance still may cause severe effects such as blindness or brain damage.



Safety in Science:

Hazard	Precaution	Safety Device	Location of Device	Device Information
Fire 	-Keep long hair tied back. -Avoid contact with flame or hot burner. -Roll up long sleeves.			
Splashes 	-Wear safety goggles. -Avoid skin contact with acid -Avoid sudden movements.			
Broken Glass 	-Keep equipment away from edge of counter. -Avoid sudden movements.			

ASSIGNMENT

1) Create a WHIMIS Safety Poster for ONE of the symbols. Include the symbol, and where it may be found.

OR

2) Create your own cue cards for all 8 WHIMIS categories. Include the symbol on one side and a brief description on the other.