

Japanese Gas Cylinder Identification Information

The following information may be used to help in the identification of substances found within gas cylinders originating from Japan*

According to Vessel safety regulations for the High Pressure Gas Safety Law, Gas cylinder color is coded as follow:

<u>Type of Gas</u>	<u>Color</u>
Oxygen.....	Black
Hydrogen.....	Red
CO2.....	Green
Ammonia.....	White
Chlorine.....	Yellow
Acetylene.....	Brown
Other gases.....	Gray

In addition to the identifying colors, the following information must be clearly marked on the vessel.

1. Name of the Gas
2. If it's flammable or toxic, mark with the appropriate Chinese character (if it's flammable "燃", if it's toxic "毒")
3. Mark with owner's name, address, and phone number of the vessel.

*Information courtesy of
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The following photo is a sample of a Hydrogen container. Notice that it is red and marked "燃" (flammable):



The following photo is a sample of cylinder containing a mixture gas of N₂ and diborane. Notice that it is colored gray and marked "燃" (flammable) and "毒" (toxic).



The following page is a color code chart of all chemicals described above.....

