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<p>2 <u>Class 2.1 Flammable Gas</u></p> <p>Eg. Hydrogen, Acetylene, Propane</p>	
<p>3 <u>Class 2.2 Non flammable, Non-toxic gas</u></p> <p>Eg. Nitrogen, Helium, Carbon Dioxide</p>	
<p><i>Class 2.2 with Subsidiary Risk 5.1</i></p> <p>Eg. Oxygen</p>	
<p><i>Class 2.3 Toxic Gas</i></p> <p>Eg. Chlorine, Hydrogen Sulphide, Carbon Monoxide, Sulphur Dioxide, Silane, Germane</p>	

<p><i>Class 3 Flammable liquid</i></p> <p>Packing Group 1 (greatest danger) eg. > Carbon disulphide, Diethyl ether</p> <p>Packing Group 2 > Acetone, Methanol, Ethanol</p> <p>Packing Group 3 > Xylene, Chloroform, Dichlormethane</p>	
<p>4 <u>Class 4 Flammable Solids</u></p> <p>4.1 Flammable solids readily combustible and may cause fire due to friction eg. magnesium metal, alkali metals</p>	
<p>4.2 Substances liable to Spontaneous Combustion</p> <p>eg. white phosphorous and potassium metal</p>	
<p>4.3 Substance that in contact with water emit flammable gases which can form explosive mixtures in air</p> <p>eg. white phosphorous, calcium carbide, magnesium, lithium, sodium</p>	
<p>5 <u>Class 5.1 Oxidising Substances</u></p> <p>Oxidising substances are not necessarily combustible may readily liberate Oxygen and increase the violence of a fire</p> <p>Eg. Calcium hypochlorite, ammonium nitrate</p>	
<p>6 <u>Class 5.2 Organic Peroxides</u></p> <p>Materials that may be liable to explosive decomposition may burn rapidly and are sensitive to impact or friction.</p> <p>eg. dibenzoyl peroxide</p>	

<p>7 <u>Class 6.1 Toxic Substances</u> Also divided into 3 packing groups: Packing group 1 (greatest danger, Packing group 2 and Packing group 3) Eg. Ethidium bromide, benzene, mercury, pesticides, arsenic</p>	
<p>8 <u>Class 6.2 Infectious Substances</u> Eg. vaccines, pathology specimens</p>	
<p>9 <u>Class 7 Radioactive substances</u></p>	
<p>10 <u>Class 8 Corrosive Substances</u> Eg. Hydrochloric acid, Sulphuric acid, Hydrofluoric acid, Sodium Hydroxide, Amines</p>	
<p>11 <u>Class 9 Miscellaneous</u> Non-specific classification includes substances that have potentially dangerous properties that are relatively minor or are not covered by other classes eg. polychlorinated biphenyls, lithium batteries</p>	