Compressed Gas

MATERIALS WHICH ARE NORMALLY GASEOUS KEPT IN A PRESSURIZED CONTAINER
- Could explode due to pressure
- Could explode if heated or dropped
- Possible hazard from both the force of explosion and the release of contents

Ensure container is always secured
- Store in appropriate designated areas
- Do not drop or allow to fall

Flammable and Combustible

MATERIALS WHICH WILL CONTINUE TO BURN AFTER BEING EXPOSED TO A FLAME OR OTHER IGNITION SOURCE
- May ignite spontaneously
- May be a material which will release flammable products if allowed to degrade or when exposed to water

Store in properly designated areas work in well ventilated areas
- Avoid heating
- Avoid sources of sparks / flames
- Ensure electrical sources are safe

Oxidizing Material

MATERIALS WHICH CAN CAUSE OTHER MATERIALS TO BURN OR SUPPORT COMBUSTION
- Can cause skin or eye burns
- Increase fire and explosion hazard
- May cause combustibles to explode or react violently

Store in areas away from combustibles wear body, hand, face and eye protection
- Store in proper containers which will not rust or oxidize

Toxic Immediate and Severe

POISONS / POTENTIALLY FATAL MATERIALS WHICH CAUSE IMMEDIATE AND SEVERE HARM
- May be fatal if ingested or inhaled
- May be absorbed through the skin
- Small volumes have a toxic effect

Avoid breathing dust or vapours and avoid contact with skin or eyes
- 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

MATERIALS WHICH HAVE HARMFUL EFFECTS AFTER REPEATED EXPOSURES OR OVER LONG PERIODS OF TIME
- May cause death or permanent injury
- May cause birth defects or sterility
- May cause cancer
- May be sensitizer causing allergies

Wear appropriate personal protection work in a well ventilated area
- Avoid direct contact
- Use hand, body, face and eye protection
- Ensure respiratory and body protection is appropriate for the specific hazard

Biohazardous Infectious

INFECTIOUS AGENTS OR A BIOLOGICAL TOXIN CAUSING A SERIOUS DISEASE OR DEATH
- May cause anaphylactic shock
- Includes Viruses, Yeasts, Moulds, Bacteria and Parasites which affect humans
- Includes fluids containing toxic products
- Includes cellular components

Special training required work in designated biological areas with appropriate engineering controls
- Avoid forming aerosols
- Avoid breathing vapours
- Avoid contamination of people / area
- Store only in special designated areas

Corrosive Materials

MATERIALS WHICH REACT WITH METALS AND LIVING TISSUE
- 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

Wear body, face and eye protection use breathing apparatus
- 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

MATERIALS WHICH MAY HAVE UNEXPECTED REACTIONS
- 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

Handle with care avoiding vibration, shocks and sudden temperature changes
- 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.