

Workplace Hazardous Materials Symbols

Class A - Compressed Gas

It signifies the material...

- poses an explosion danger because the gas is being held in a cylinder under pressure
- may cause its container to explode if heated in a fire
- may cause its container to explode if dropped.

And you should...

- handle with care, do not drop cylinder
- keep cylinder away from potential sources of ignition
- store the containers in the area designated by your supervisor.



Class B - Combustible and Flammable Material

It signifies the material...

- is one that will burn and is therefore a potential fire hazard
- may burn at relatively low temperatures; flammable materials catch fire at lower temperatures than combustible materials
- may burst into flame spontaneously in air or release a flammable gas on contact with water
- may cause a fire when exposed to heat, sparks, flames or as a result of friction.

And you should...

- keep the material away from heat sources and other combustible materials
- never smoke when working with or near proof area, as designated by your supervisor.



Class C - Oxidizing Material

It signifies the material...

- poses a fire and/or explosion risk in the presence of flammable or combustible material
- may cause fire when it comes into contact with combustible materials such as wood
- may react violently or cause an explosion when it comes in contact with combustible materials such as fuels
- may burn skin and eyes upon contact.

And you should...

- keep the material away from combustible materials and store in areas designated by your supervisor
- keep the materials away from sources of ignition
- wear the proper protective equipment, including eye, face and hand protection and protective clothing.



Class D, Division 1 Poisonous and Infectious Material: Immediate and Serious Toxic Effects

It signifies the material...

- is a fatal poisonous substance
- may be fatal or cause permanent damage if it is inhaled or swallowed or if it enters the body through skin contact

And you should...

- handle the material with extreme caution
- avoid contact with the skin or eyes by wearing proper protective equipment, including eye, face and hand protection and protective clothing
- avoid inhaling by working in well-ventilated areas and/or wearing respiratory equipment
- wash and shower thoroughly after using
- store the material in designated areas only.



Class D, Division 2 - Poisonous and Infectious Material: Other Toxic Effects

It signifies the material...

- is a poisonous substance that is not immediately dangerous to health
- may cause death or permanent damage as a result of repeated exposures over time
- may be a skin or eye irritant
- may be a sensitizer, which produces a chemical allergy
- may cause cancer
- may cause birth defects or sterility.

And you should...

- avoid skin and eye contact by wearing the necessary protective equipment, including eye, face and hand protection and protective clothing
- avoid inhaling by working in well-ventilated areas and/or wearing respiratory equipment as designated by your supervisor
- store the material in designated places only.



Class D, Division 3 - Poisonous and Infectious Material: Biohazardous Infectious Material

It signifies the material...

- may cause a serious disease resulting in illness or death.

And you should...

- take every measure to avoid contamination
- handle the material only when fully protected by the proper, designated equipment
- handle the material in designated areas where engineering controls are in place to prevent exposure.



Class E - Corrosive Material

It signifies the material...

- causes severe eye and skin irritation upon contact
- causes severe tissue damage with prolonged contact
- may be harmful if inhaled.

And you should...

- keep containers tightly closed
- avoid skin and eye contact by wearing the necessary protective equipment, including eye, face, hand protection and protective clothing
- avoid inhaling by working in well-ventilated areas and/or wearing respiratory equipment as designated by your supervisor.



Class F - Dangerously Reactive Material

It signifies the material...

- is very unstable
- may react with water to release a toxic or flammable gas
- may explode as a result of shock, friction or increase in temperature
- may explode if heated when in a closed container
- undergoes vigorous polymerization.

And you should...

- keep the material away from heat
- open containers carefully; do not drop them
- store the material in a cool, flame-proof area, as designated by your supervisor.



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