

Chemical Safety Codes NFPA Codes

Health

4 Deadly: even the slightest exposure to this substance would be life threatening. Only specialized protective clothing, for these materials, should be worn.

3 Extreme Danger: serious injury would result from exposure to this substance. Do not expose any body surface to these materials. Full protective measures should be taken

2 Dangerous: exposure to this substance would be hazardous to health. Protective measures are indicated.

1 Slight Hazard: Irritation or minor injury would result from exposure to this substance. Protective measures are indicated.

0 No Hazard: exposure to this substance offers no significant risk to health.

"*" next to a rating number means that the substance has chronic health effects.

Flammability

4 Flash Point Below 73deg.F and Boiling Point Below 100deg.F: this substance is very flammable, volatile or explosive depending on its state. Extreme caution should be used in handling or storing of these materials.

3 Flash Point Below 100deg.F: flammable, volatile or explosive under almost all normal temperature conditions. Exercise great caution in storage or handling of these materials.

2 Flash Point Below 200deg. F: moderately heated conditions may ignite this substance. Caution procedures should be employed in handling.

1 Flash Point Above 200deg.F: this substance must be preheated to ignite. Most combustible solids would be in this category.

0 Will Not Burn: substances that will not burn

Reactivity

4 May Detonate: substances that are readily capable of detonation or explosion at normal temperatures and pressures. Evacuate area if exposed to heat or fire.

3 Explosive: substances that are readily capable of detonation or explosion by a strong initiating source, such as heat, shock or water. Monitor from behind explosion resistant barriers.

2 Unstable: violent chemical changes are possible at normal or elevated temperatures and pressures. Potentially violent or explosive reaction may occur when mixed with water. Monitor from a safe distance.

1 Normally stable: substances that may become unstable at elevated temperatures and pressures or when mixed with water. Approach with caution.

0 Stable: substances which will remain stable when exposed to heat, pressure or water.