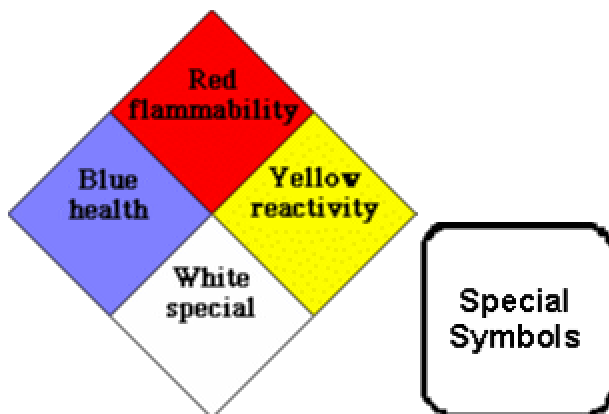

NFPA Chemical Hazard Label

NFPA Rating - The [National Fire Protection Association \(NFPA\)](#) has developed a standard system (ANSI/NFPA 704) for indicating the health, flammability, and reactivity hazards of chemicals. In addition, a special precaution symbol may be used where necessary.

This system of identifying hazards associated with various materials was developed primarily for fire protection and emergency personnel but can be useful to anyone who needs to handle potentially hazardous material. As stated in NFPA 704, "This standard provides a simple system of readily recognizable and easily understood markings, which will give at a glance a general idea of the inherent hazards of any material and the order of severity of these hazards as they relate to fire prevention, exposure, and control".



General Rating Summary

Health (Blue)

- 4 **Danger** May be fatal on short exposure. Specialized protective equipment required
- 3 **Warning** Corrosive or toxic. Avoid skin contact or inhalation
- 2 **Warning** May be harmful if inhaled or absorbed
- 1 **Caution** May be irritating
- 0 No unusual hazard

Flammability (Red)

- 4 **Danger** Flammable gas or extremely flammable liquid
- 3 **Warning** Flammable liquid flash point below 100° F
- 2 **Caution** Combustible liquid flash point of 100° to 200° F
- 1 Combustible if heated
- 0 Not combustible

Reactivity (Yellow)

- 4 **Danger** Explosive material at room temperature
- 3 **Danger** May be explosive if shocked, heated under confinement or mixed with water
- 2 **Warning** Unstable or may react violently if mixed with water
- 1 **Caution** May react if heated or mixed with water but not violently
- 0 **Stable** Not reactive when mixed with water

Special Notice Key (White)

- W Water Reactive
 - OX Oxidizing Agent
-

Special Precaution Symbols



Flammable!



Explosive!



Corrosive!



Poison!



Radioactive!



Compressed Gas!
