

### Flammability (Red)

- 4 - Will rapidly or completely vaporize at normal pressure and temperature, or is readily dispersed in air and will burn readily.
- 3 - Liquids and solids that can be ignited under almost all ambient conditions.
- 2 - Must be moderately heated or exposed to relatively high temperature before ignition can occur.
- 1 - Must be preheated before ignition can occur.
- 0 - Materials that will not burn.

### Health Hazard (Blue)

- 4 - Very short exposure could cause death or serious residual injury even though prompt medical attention was given.
- 3 - Short exposure could cause serious temporary or residual injury even though prompt medical attention was given.
- 2 - Intense or continued exposure could cause temporary incapacitation or possible residual injury unless prompt medical attention is given.
- 1 - Exposure could cause irritation but only minor residual injury even if no treatment is given.
- 0 - Exposure under fire conditions would offer no hazard beyond that of ordinary materials.



### Instability (Yellow)

- 4 - Readily capable of detonation or of explosive decomposition or reaction at normal temperatures and pressures.
- 3 - Capable of detonation or explosive reaction, but requires a strong initiating source or must be heated under confinement before initiation, or reacts explosively with water.
- 2 - Normally unstable and readily undergo violent decomposition but do not detonate. Also, may react violently with water or may form potentially explosive mixtures with water.
- 1 - Normally stable, but can become unstable at elevated temperatures and pressures or may react with water with some release of energy, but not violently.
- 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.

### Special Hazards (White)

This section is used to denote special hazards. There are only two NFPA 704 approved symbols:

- OX - This denotes an oxidizer, a chemical which can greatly increase the rate of combustion/fire.
- **W** - Unusual reactivity with water. This indicates a potential hazard when using water to fight a fire involving this material.