



WOODSIDE FIRE PROTECTION DISTRICT

NFPA 704 Placard Guidelines

Submission Requirements

808 Portola Rd. Portola Valley, CA 94028 Fire Prevention 650-423-1405 Fax 650-851-3960

NFPA 704 Placards are required for any business or commercial building that has a quantity of hazardous materials equal to or greater than a total weight of 500 pounds solid, 55 gallons liquid, 200 cubic feet of gas or where a radioactive product is used, stored or handled. Placards may also be required where the hazardous materials could present a hazard to emergency responders.

Placards provide emergency responders notification of potential hazards that may increase their risk while entering into a building, room or storage area. You may be required to place a placard on the outside and/or the inside of your business.

Placards are designed to warn of **health**, **flammability**, **reactivity** or **special hazards** that may exist. Placards will be 16 inches square on outside locations and 12 inches square on inside locations.

Listed below are the some of the most common materials used in commercial applications. Refer to your MSDS sheets for those not on this list.

FLAMMABILITY

Example of placard for Oxygen

HEALTH

1


0

0

REACTIVITY

OXY

SPECIAL

HEALTH	FLAMMABLE	REACTIVE
4- Too dangerous to enter vapor or liquid 3- Extremely dangerous- use full protective clothing 2- Hazardous- Use breathing apparatus 1- Slightly hazardous 0- Like ordinary material	4- Extremely flammable 3- Ignites at normal temperatures 2- Ignites when moderately heated 1- Must be preheated to burn 0- Will not burn	4- May detonate- Vacate area if materials are exposed to fire 3- Strong shock or heat may detonate- Use monitors from behind explosion-resistant barriers 2- Violent chemical change possible- Use hose streams from distance 1- Unstable if heated- Use normal precautions 0- Normally stable
 <p>Avoid use of water</p>		

COMMON MATERIALS

<u>Chemical Name</u>	<u>Health</u>	<u>Flammability</u>	<u>Reactivity Special</u>
Acetone	2	3	0
Acetylene	1	4	2 Acetylene
Argon (compressed)	1	0	0
Aromatic hydrocarbon (<i>paint thinner</i>)	2	3	0
Carbon dioxide (compressed)	1	0	0
Chlorine gas	3	0	0 OXY
Diesel Fuel	0	2	0
Ethylene glycol (antifreeze)	1	0	0
Freon Refrigerant	2	0	0
Gasoline	1	3	0
Helium (compressed)	1	0	0
Hydrogen (compressed)	1	4	0
Isopropyl alcohol	2	3	0
Kerosene	1	2	0
Lead Acid Batteries	2	0	0
Muriatic Acid (hydrochloric)	3	0	0
Nitrogen (compressed)	1	0	0
Nitrous Oxide	1	0	2 OXY
Oil	0	1	0
Oxygen (compressed)	1	0	0 OXY
Oxygen (cryogenic)	3	0	0 OXY
Propane (LPG)	2	4	0
Safety Kleen Parts Cleaner	1	2	0
Sodium Hydroxide	3	0	1
Stoddard solvent (part cleaner)	2	2	0
Sulfuric Acid	3	0	2 -W-

For materials not listed above please see product manufacturer data sheet