

Chemical Storage Criteria

Chemical Class	Incorrect Storage Practice	Correct Storage Practice
Oxidizers	Stored on wooden shelves which can absorb spilled product.	Store on wood coated with an impregnable material such as epoxy paint.
Unstable (Reactive), Oxidizer, Compressed Gases	Stored near heating vents/pipes, in direct sunlight, or other sources of heating.	Store in cool dry area out of direct sunlight.
Water Reactive	Stored in the open in an area covered by a water based fire suppression system (sprinklers).	Store in plainly marked cabinets that meet code requirements.
Acids, Bases	Stored on metal shelves that either have exposed metal or where the paint is easily scratched to expose bare metal.	Store on shelves that are chemical and abrasion resistant such as epoxy painted, wooden shelves.
Organic Peroxides	Stored on shelves with no temperature control.	Store in area such as a refrigerator where the temperature will remain below the self accelerating decomposition temperature (locally enforced building/fire codes should be checked for temperature control and alarm requirements).