

HAZARDOUS MATERIAL COMPATIBILITY CHART & STORAGE GUIDELINES

The purpose of the guidelines is to protect students, faculty, staff and visitors from the hazards of handling and storing hazardous materials. Sonoma State University is committed to ensure all regulatory standards in relation to the handling and storing of hazardous substances is adhered to.

The following tenets provide additional guidance:

- Chemicals that are incompatible must be segregated to prevent them from mixing. This can be achieved by the use of an impervious barrier (cabinet with secondary containment) or by distance, sufficient to prevent contamination (a distance of ~5ft or 1.5 meters).
- Except as indicated on the relevant Safety Data Sheet (SDS), chemicals should be segregated based on the Chemical Compatibility Chart, located below.
- All chemicals must be stored in compatible containers and properly labeled.
- Containers including lids, caps and seals must be checked regularly for deterioration and replaced when necessary.
- Liquids must not be stored above powders and solids, and must be stored lower than eye level (below 5').
- Spontaneously Combustible Solids must be stored separately in a flammable cabinet.
- Corrosive substances should be stored in corrosive cabinets with separate cabinets for concentrated acids and bases (alkalis).
- Ensure personnel in the laboratory know the location of the nearest eyewash/safety shower, spill kit, and how to retrieve a Safety Data Sheet from MSDS Online.

Chemical Compatibility Guide Chart

Chemical Hazard Always refer to the SDS	Flammable	Acid	Base	Oxidizer	Toxic
Flammable 					
Acid 					
Base 					
Oxidizer 					
Toxic 					