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## Flammable Material Storage Cabinets

It is California Baptist University's policy that all flammable materials must be placed in an approved, metal flammable storage cabinet. Examples of flammable materials include, but are not limited to the following; aerosols, acetone, fuel (butane, lighter fluid, gasoline, etc.), lacquers, lubricants, non-water based paints, paint thinner, spray paint, and solvents. Empty containers that previously held flammable materials must be stored within a flammable storage cabinet while awaiting disposal.

In accordance with California Code of Regulations (CCR)<sup>1</sup>, California Fire Code (CFC)<sup>2</sup>, National Fire Protection Agency (NFPA) regulations<sup>3</sup>, and Occupational Safety & Health Administration (OSHA) a flammable storage cabinet's design, construction, and capacity must meet the following requirements:

1. Flammable liquids *must not be stored* in areas used for exits, stairways, or normally used for the safe passage of people.
2. Cabinets must limit the internal temperature to no more than 325°F when subjected to a ten-minute fire test.
3. Cabinets *must have a warning label* with the following text in the upper portion of the cabinet's front door(s) or frame; "FLAMMABLE-KEEP FIRE AWAY". The minimum letter height for "FLAMMABLE" is two (2) inches and the minimum letter height for "KEEP FIRE AWAY" is one (1) inch.
4. The bottom, top, door, and sides of metal cabinets must be at least 18 gauge sheet metal and double walled with 1½-inch air space. Joints shall be riveted, welded or made tight by some equally effective means.
5. Doors *must have a three-point latch* and *must be self-closing*. Self-closing may be accomplished by either having doors equipped with self-closing hinges or self-closing fusible links that melt at 165°F. Doors must remain closed when not actively using the cabinet.
6. The door sill *must be raised a minimum of two (2) inches* from the bottom of the cabinet to contain any spilt liquids within the cabinet.
7. Placement of flammable storage cabinet *must be approved by Facilities & Planning Services*.
8. Approved cabinets may be purchased from [Grainger Online](#) or [Global Industrial](#) (ensure "Self Close" is selected from the "DOOR TYPE" dropdown option).



Figure 1 - Flammable Storage Cabinet

<sup>1</sup> Title 8 of the California Code of Regulations (CCR) section [5533](#)

<sup>2</sup> CFC chapter 57, section 5704.3.2 - Liquid Storage Cabinets (2013)

<sup>3</sup> NFPA 30 - Flammable and Combustible Liquids Code (2015)