

Cal Poly

Chemical Spill Kit Factsheet



Basic Kit Contents:

- Gloves (chemical resistant depending on area specific materials)
- Safety Glasses or Goggles
- Tongs for safe handling of broken glass
- Absorbent (depending on the materials present, this could be spill-pads, granular absorbent, neutralizing agents*, sorbent socks, or a combination)
- Synthetic bristle broom/brush and pan for sweeping absorbent and debris
- A waste bag to dispose of the spill cleanup materials
- A label to identify the spilled material as hazardous

All labs and shops using hazardous materials must maintain proper spill control supplies and procedures to handle accidents effectively. Each area should evaluate their material types and quantities to determine appropriate spill control measures, typically centered around a well-stocked spill kit. Departments are responsible for providing these materials, maintaining adequate supplies, ensuring staff know how to use them, and routinely reviewing response control measures to ensure they remain suitable for ongoing operations. Basic spill kit supplies are available through the Facilities Warehouse, or ready-made kits can be ordered from safety suppliers. Note that pre-made kits may need additional items based on your area's specific needs.

*Neutralizing agents for acid/base spills – sodium bicarbonate or sodium carbonate are commonly used for acid spills, citric acid or sodium bisulfate commonly used for base/alkaline spills. However, neutralizing agents are not required, General universal sorbent can be used on either acid or alkaline spills.

This factsheet outlines most basic spill kit components.
For questions or assistance with kit requirements, contact the EHS Department.