

## Purpose

This SOP describes the proper procedure for the collection and disposal of solid chemical waste.

## Safety Precautions

1. Review the Chemical Hygiene Plan and associated Safety Data Sheet (SDS) prior to working with any potentially hazardous reagent.
2. Wear the appropriate personal protective equipment (PPE)
3. Work in a certified fume hood.

## Definition

Solid hazardous chemical waste is any laboratory material that has come in contact with a hazardous chemical or is potentially contaminated with a hazardous chemical. Separate hazardous liquid waste from hazardous solid waste. Examples of hazardous solid waste include:

- Gloves
- Bench top paper or paper towels
- Weighing boats and papers
- Paper towels
- Pipettes and pipette tips
- Contaminated plasticware

## Disposal Procedures

1. The generator of the waste is responsible for the proper collection and disposal of the waste.
2. Use the containers provided. The lid of the container must be closed at all times except when adding the waste.
3. Line the container with a 7-mil polyethylene bag or three standard trash bags.
4. Apply a dangerous waste label on the outside of the container. Labels can be found at <https://spokane.wsu.edu/research/lab-safety/hazardous-chemicals-waste/> in the Forms & Templates section. Document the hazardous chemical that the materials came into contact with.
5. Bag should be loosely packed and not more than three quarters full.
6. When the container is full, seal the bag with tape or a bag closure tie.
7. Complete a chemical waste collection form at <http://forms.ehs.wsu.edu/Main.aspx>.