

Hazardous materials maintained on site by Geocomp Corporation include small quantities of acids, bases, other reagents and mercury used in the testing laboratory and miscellaneous maintenance solvents, lubricants, vacuum oil, etc. used by the production/assembly group. These materials are stored as indicated on the attached site plan.

Emergency Equipment

First Aid Kits: First aid supplies are contained in wall mounted kits located in each department. Kits are mounted near the entry door to the area.

Fire Extinguishers: General purpose, i.e. ABC type, fire extinguishers are located at each egress door. Extinguishers are wall mounted and marked by a sign. *fire ext*

Eye Wash Stations: An emergency eye wash station is located at the sink in the Hood Room and in the production/assembly area.

Personal Protective Equipment: Safety glasses, chemical resistant gloves, half mask respirators and other personal protective equipment are maintained by authorized personnel.

Spill Response Kits: A spill response kit consisting of absorbent material, acid and base neutralizer and, waste packaging material is located in the testing laboratory. A dedicated Mercury Spill Kit is located in the Advanced Testing Room. The instrument assembly department will maintain an inventory of absorbent wipes and pads to address vacuum oil and miscellaneous solvent spills.

Ventilation: The hood room is equipped with local exhaust ventilation.

Procedures

General Procedure: In the event of a hazardous material spill of any kind the following general procedure will be followed. Additional material specific procedures may also apply:

- Evacuate the immediate area where the spill occurred.
- Notify the Department manager.
- Don necessary personal protective equipment.
- If possible control the spill, i.e. right a tipped over container.
- Follow specific procedures below as applicable.

Acid/ Caustic or other Non-Flammable Liquids:

- Where applicable, acid or caustic neutralizer should be applied to the spill prior to cleanup to reduce the hazardous nature of the spill.
- Wipe up the spill with absorbent pads provided. Apply and wipe the area with additional neutralizer.
- Clean affected surfaces with commercial cleaning supplies, water, etc.

- Deposit used wipes and all other contaminated material generated by the spill and the waste bag provided. Seal the bag and, label and date the contents.
- Hold the bag for disposal as hazardous waste.

Flammable Liquids, Oils and other Lubricants:

- Absorb and wipe up spill using absorbent pads. Use loose absorbent; kitty litter, etc. for larger spills.
- Clean affected surfaces with commercial cleaning detergents and water.
- Dispose of absorbents in a self closing metal container or if necessary in a sealed plastic waste bag or steel drum.
- Hold for disposal as hazardous waste.

Mercury:

- In addition to standard PPE, additional equipment including disposable boots and overall should be donned.
- Mercury must be cleaned up using the spill kit provided. Visible mercury should be covered with zinc powder to help bind it
- Sulfur should be applied to cleaned surfaces to test for presence of mercury.
- Any porous or fibrous material that cannot be cleaned, such as carpeting, should be removed and disposed of with mercury waste.