Emergency Response Poster

Instructions for Preparation and Use

This University approved safety poster shall be printed in color and placed at the entrance to all laboratories, shops and other areas where hazardous materials are used or stored.

The hazard information requested on this emergency response poster is based on DOT regulations as defined in Title 49 of the Code of Federal Regulations Part 173 (49CFR173) Subpart D. In most cases the hazard classification of a chemical or material can be found on the product container; on the product safety data sheet (see Hazard Identification or Regulatory sections); on the product shipping labels or listed on the cylinder for gases. See mtu.edu/sds for access to safety data sheets.

Required Information:

- Enter room number (or name if there is no room number).
- Enter official building name and building number.
- Enter the official name of the department.
- Enter additional information such a laboratory name, departmental supervisor, etc. (optional).

Hazards: select all that apply.

- **Flammable/Combustible Liquids**: liquids having a flash point at or below 60.5°C (141°F).
- **Corrosive Liquids:** contact can cause destruction of skin or cause severe corrosion of steel or aluminum.
- **Water Reactive Chemicals:** chemicals that may become spontaneously flammable or give off flammable or toxic gas when wet.
- **Elemental Mercury:** self explanatory.
- **Unsealed Radioactive Materials:** for example,14C, 32P, 3H and other isotopes used in research
- **Biohazards:** check if cultures or stocks of infectious pathogens, human blood or other potentially infectious materials are present in this location.
- **Other:** examples include metal powders, lasers, super magnets, microwave radiation, high voltage (440V and greater or three phase), high temperature devices, etc.

Compressed Gases (Cylinders of any size) - select all that apply.

- **Toxic Gas:** gases known or presumed to be toxic to humans.
- **Corrosive Gas:** gases able to cause injury to human skin or tissues or corrosion of aluminum or steel.
- **Oxidizing Gas:** gases that supports or accelerates combustion of other materials. Examples include oxygen, fluorine, chlorine, bromine.
- **Flammable Gas:** gases that are ignitable when in a mixture of 13 percent or less by volume with air.
- **Non-Flammable or Inert Gas:** gases that exert a pressure of 200 kPa (29.0 psig/43.8 psia) or greater at 20 °C (68 °F), is a liquefied gas or is a cryogenic liquid.

None of the Above Hazards are Present in this Location - Select ONLY if none of the hazards listed above are present in this location.

Emergency Contact Information: Enter the names and contact information for at least three individuals with knowledge and responsibility for work in the space. Recommended individuals, in order, are: 1) Principal Investigator, faculty or staff member with overall supervision of the space; 2) Departmental Chemical Hygiene officer or another safety officer; 3) Departmental Administrator (Chair or Dean).

Safety Data Sheets

VelocityEHS is Michigan Tech's official Safety Data Sheet management system. Information for accessing safety data sheets will be automatically displayed on the poster.

If you have questions about this poster contact the Research Integrity office 7-2902
lab-operations-l@mtu.edu

Room# | Building Name and Number

Department

Additional Information (optional)

In Case of Emergency: Dial 911

For Emergency Responder Use

Hazards *Mark only those hazards present above listed threshold amounts*

- ☐ **Flammable/Combustible Liquids (total amount greater than 1 gallon)**
- ☐ **Corrosive Liquids (total amount greater than 1 gallon)**
- ☐ **Water Reactive Chemicals (total amount greater than 10 grams)**
- ☐ **Elemental Mercury (total amount greater than 10 ml)**
- ☐ **Biohazards**
- ☐ **Unsealed Radioactive Materials**
- ☐ **Other (specify)**

Compressed Gas Cylinders

- ☐ **Toxic Gas (poisonous by inhalation)**
- ☐ **Corrosive Gas**
- ☐ **Oxidizing Gas**
- ☐ **Flammable Gas**
- ☐ **Non-flammable Gas or Inert Gas**

☐ **None of the Above Hazards are Present in this Location**

Emergency Contact Information

For Information Contact:	Office Phone	After hours Phone

Safety Data Sheets for this workplace are available online at:

mtu.edu/sds **or**
(ISO login required)

If online access is unavailable, call 800-255-3924 for safety data sheets. (Have product name, manufacturer and your FAX number available.)

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