

Clearheart Construction Co., Inc.

Spill Prevention / Response

SPILL PREVENTION / RESPONSE

Flammable and combustible liquids. - 1926.152

Hazard Communication 1910.1200

Spill Prevention:

Training will be given that addresses proper storage of chemicals to minimize the potential for a spill. This would include keeping chemical substances in proper containers. Whenever possible, chemicals should be kept in closed containers and stored so they are not exposed to storm water. Care will be taken to ensure chemicals are not exposed to temperature extremes.

Every chemical product on the job site will have an MSDS readily available and labels will not be defaced or removed.

Good housekeeping best management practices will be employed to prevent spills. This includes, but is not limited to, clean and organized storage, labeling, and secondary containment where necessary. Secondary containment could include dikes, for example. Additionally, on the job site, only approved containers and portable tanks will be used for storage and handling of flammable and combustible liquids. Approved safety cans or Department of Transportation approved containers will be used for handling and use of flammable liquids in quantities of 5 gallons or less following ASTM standards which require: gas cans be **red**, diesel cans be **yellow**, and kerosene cans be **blue**.

Note 1: The above does not apply to flammable liquid materials which are highly viscous (extremely hard to pour) which may be used and handled in their original shipping containers.

Note 2: For quantities of one gallon or less, the original container may be used for storage, use and handling.

Flammable or combustible liquids may not be stored in areas used for exits, stairways, or normally used for the safe passage of people.

Inside a facility, no more than 25 gallons of flammable or combustible liquids may be stored in a room outside of an approved storage cabinet.

Compliance with National (NFPA) Fire Code and local fire ordinances will be strictly adhered to.

Spill Response:

Employees will be trained on proper spill prevention and response procedures. Training will include materials available for use, proper waste disposal, and communication procedures.

A “spill kit” will be maintained on-site readily available **appropriate** for hazardous chemicals that may spill. Consideration will be given to the type of chemical as well as the quantity.

If it is reasonable to assume that a worst case scenario for a chemical spill on the job site would be a **small amount**, our “spill kit” will be as follows:

1. A five (5) gallon plastic container with a sealable lid. This container will be clearly marked: “SPILL KIT”. Within this container will be:
 - a. Sorbent appropriate for the chemical that may spill.
 - b. PPE including eye protection, hand protection, body protection (disposable Tyvek suits), and respiratory protection appropriate for the chemical that may spill.
 - c. Heavy duty liner
 - d. Wisk broom
 - e. Dust pan
 - f. Portable fire extinguisher with a rating of not less than 4-A:60B:C
 - g. Other items specific to the chemical that may spill.

If it is reasonable to assume that a worst case scenario for a chemical spill on the job site would be a large amount, our “spill kit” will be as follows:

1. Fifty (50) gallon plastic container(s) with a sealable lid(s). These containers will be clearly marked: “SPILL KIT”. Within these containers will be:
 - a. Sorbent appropriate for the chemical that may spill.
 - b. PPE including eye protection, hand protection, body protection (disposable Tyvek suits), and respiratory protection appropriate for the chemical that may spill.
 - c. Heavy duty liner.
 - d. Wisk broom
 - e. Dust pan
 - f. Tyvek suits
 - g. Goggles
 - h. Rubber boots
 - i. Portable fire extinguisher with a rating of not less than 4-A:60B:C
 - j. Other items specific to the chemical that may spill.

When our employees are working at a facility that has the potential for an emergency to occur due to an uncontrolled release of hazardous substances or hazardous raw materials they fall under the provisions of 29 CFR 1910.120 paragraph (q), which addresses emergency response to hazardous substance releases without regard to location.

The facility at which we are working will have developed and emergency response plan to handle anticipated emergencies prior to the commencement of emergency response operations. This plan will be in writing and available for inspection by employees, their representatives and OSHA. Within the emergency response plan, that employer will address:

1. Pre-emergency planning and coordination with outside parties..
2. Personnel roles, lines of authority, training, and communication.
3. Emergency recognition and prevention.
4. Safe distances and places of refuge.
5. Site security and control.
6. Evacuation routes and procedures.
7. Decontamination.
8. Emergency medical treatment and first aid.
9. Emergency alerting and response procedures.
10. Critique of response and follow-up.
11. PPE and emergency equipment.

Our employees will receive training prior to being allowed to participate in actual emergency operations based on the duties and function to be performed by each responder of an emergency response organization.

Emergency phone numbers will always be posted on our job sites.

Communications Procedures:

Communications procedures will be based on the type and quantity of materials spilled.

A small spill of a chemical that can be readily cleaned up without exposing an employee to any health or physical hazard, will be cleaned up immediately and properly disposed of. The Project Supervisor will be notified.

A larger spill will require notification of the Project Supervisor so that clean up can be supervised in such a manner that employees are not exposed to health and physical hazards. The Project Supervisor will notify the

contractor for whom we are working. The Project Supervisor may require emergency responders to assist with the clean up.

If we are working for a contractor, we would fall under that contractor's Emergency Action Plan and we will follow the procedures detailed in that plan.

The Project will keep the contractor for whom we are working informed of all spills and spill responses.

Disposal:

Disposal will be in accordance with federal, state, and local EPA rules.