



29 CFR 1910.1200 HAZCOM Exercises

Exercise 1 :

Imagine that you are a new employee of a firm that applies anti-corrosive coatings on metal piping.

You arrive at your job site where you will be performing anti-corrosive applications that day. In order to prepare for the application, someone has told you that your first task will be to mix a bag of a powder compound, TEMAPRIME AB, with approximately 50 gallons of a strongly acidic chemical solution placed in a 55-gallon PVC drum.

Questions

- 1) Do you think it is safe to introduce the compound into the strongly acidic solution in the manner described?
 - Yes; it is safe
 - No; it is not advisable to do so

- 2) What is the associated hazard with the compound per the pictogram?
 - Acute toxicity hazard
 - Flame hazard



Exercise 2 :

You work as a superintendent for a flooring contractor that mainly performs epoxy coating work for commercial projects.

You are supervising a job where a foreman and three crew members are assigned to apply a commercial epoxy coating to a warehouse floor. When you arrive at the job site, you see a metal work crew performing its job duties on site, which involves using a welding machine. You asked your crew members to start removing the existing epoxy coating and to prepare the floor for the new epoxy coating application. Meanwhile, the metal work crew is still on site continuing their welding work.

Questions

- 1) Once the flooring crew completes the removal of the old epoxy coating, do you think it is safe to immediately allow the crew to apply the new Epoxy Primer coating while the welding work is in process?

- Yes, it is safe
- No, it is not advisable to do so

- 2) Although smoking is strictly forbidden on the job site, one of the flooring crew members lit a cigarette and upon your warning, threw the cigarette on the floor. However, the cigarette ended up inside the Epoxy primer container and the epoxy solution caught fire. Which fire extinguishing media would you use to put out the fire?

- Dry powder fire extinguisher
- Water jet fire extinguisher