

Clean Room Safety & Usage Manual

Questionnaire

Name: _____

Group: _____

Date: _____

1. What is the purpose of a cleanroom?
2. Name the 5 highlighted dangers in the cleanroom and explain the threat each poses.
3. List at least 5 items prohibited from being brought into the cleanroom.
4. Describe the order of dressing for the cleanroom.
5. Name the 3 types of gloves found in the cleanroom and their required uses.
6. What are the dangers of the fume hood?
7. List at least 5 precautions can you take to limit accidental exposure to chemicals?
8. What is the response to chemical contact with skin? With eyes? To large spills on clothing?
9. Why HF is considered especially dangerous?
10. How do you treat accidental contact with HF?
11. What protective clothing must be worn when using acids? What is the proper order of putting them on?
12. Describe how to leave the work area before leaving the cleanroom.
13. When do you need a buddy? Why do you need a buddy?
14. What is the purpose of the MSDS?
15. Find the MSDS for PM Acetate and answer the following:
 - a. What is the color and odor of PM Acetate?
 - b. What are the results of chronic exposure?
 - c. What are the dangers of contact with skin or eyes?
 - d. What is the proper treatment for exposure?
16. How do you deal with chemical spills?
17. Exothermic Reaction - explain and state in what situations there's a danger with this type of Reaction?
18. What is a flash point? What is the flash point of methanol?
19. Describe your process and the equipment you will be using in the clean room.
20. "Process forum" is a monthly meeting with the clean-room staff, that allows new users to present their work and optimize their fabrication process. Would you be interested to participate?