

Homework 1: Cleanroom Safety

1. What is the proper clothing when working in the microfabrication laboratory? You should mention explicitly what you should wear:

a. before entering the lab.

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b. in the entrance of the cleanroom.

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c. when dealing with chemicals and/or in the hood.

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2. Please mention very briefly ten essential rules that should be followed in the cleanroom.

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3. What is the flash point of a liquid? What is the flash point for the commonly used solvents acetone and ethanol? Is their flash point above or below room temperature and why does this matter?

4. What are the different classes of fires? Which extinguishers are appropriate for them?

5. How the clean room class is defined?

6. What is the JHU emergency number?