

Lab Safety Part B

1. Hank punched the paper towel dispenser because a classmate washed out the vials of an in progress experiment.
2. Long hair should be up because of these for reasons: catch on fire, knock stuff over, occlude vision, droop into your flask
3. Never wear sandals, always wear clothes covering your skin, always wear eye protection
4. Glasses do not act as eye protection because there is space around them that stuff can seep in. Eye protection must prevent gas, liquid, and solids from getting around them.
5. Hank used the eye wash station for about 5 seconds.
6. Do not eat or drink in the lab.
7. 0-4
8. Blue means health hazard, red means flammability, yellow means chemical reactivity, the area underneath is for extra information
9. 4 means that it is the most dangerous for health, highest flammability, or highly chemically reactive.
10. SDS or MSDS stands for Material Safety Data Sheet. If you are working with a substance you want to know the potential hazards associated with it.
11. MSDS HCl - Causes eye and skin burns. Causes digestive and respiratory tract burns. May be fatal if inhaled or swallowed. Repeated or prolonged exposure may cause erosion of exposed teeth. Corrosive to metal.
12. Fume Hood sucks all air in the hood out. If you are using anything that has caustic fumes you should use the fume hood.
13. Do not stick your face in it, waft it.
14. Never pipette by mouth. Two ways
15. You need to commit while pouring because you wont overcome the surface tension if you are pouring too indecisively.
16. Never clean with your hands, use a broom and dustpan, and dispose of glass in a sharps bin.
17. The most common cut is from broken glass
18. Dilution is the solution to pollution, flushed with lots of water.
19. Dump solvents and chemicals in their designated disposal receptacle, never combine compounds, they may cause a chemical reaction.
20. If you spill anything dangerous on yourself.