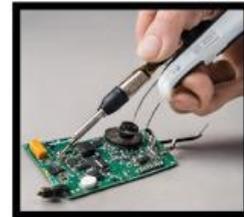


1. Classified types of soldering Hazards

Heat & Electrical



Rosin



Lead



2. Choose and match the appropriate answer based on the given question.

a. What is the effect of solder lead on human health?

b. What is the effect of rosin core on human health?

Effect the nervous system, reproductive system, kidneys, and other organs of the body.

Effect eye and respiratory irritation and repeated exposure can cause asthma

Flammable materials may catch fire from the heat, and electric shock hazard from exposed wiring could cause injury or start a fire.

3. Choose and match the appropriate statement.

Soldering Iron Safety

Personal protective
equipment

waste

First Aid

House Keeping

Wipe off tables where the soldering occurred with water or cleaning solvents after soldering is complete.

If you touch the element or tip of a soldering iron, immediately cool the affected area under cold water for 15 minutes.

Safety glasses, goggles, or face shields must be worn when soldering and clipping wires

Always return the soldering iron to its stand when not in use. Never lay it directly on your workbench.

Lead soldering waste is considered hazardous. Discard lead solder and dross in a container with a lid.