

**KNOWLEDGE**

**Fiberglass is a skin and eye irritant.**

- True
- False

**Metal fume fever is a temporary condition that one gets inhaling large quantities of:**

- Aluminum dust
- Zinc oxides
- Fiberglass
- Body filler dust

**Which of the following can penetrate deep into your lungs? (check all that apply)**

- Grinding dust
- Welding fumes
- Fine sanding dust

**Which of these characteristics of dust exposure is most important in determining a particle's ability to be inhaled deep into the lungs?**

- Amount of dust
- Duration of exposure
- Particle size
- Particle composition

**Welding on a surface that was just cleaned with chlorinated solvents (such as aircraft stripper) is hazardous because:**

- There is a lot of inert gas in the area and the worker can pass out
- When heated, chlorine forms phosgene gas (choking agent)
- The weld may have hidden flaws that cannot be identified
- The risk of fire is greatly increased by the presence of chlorine vapors

**Repairing vehicle parts made from which of the following materials can increase the risk of fire in a shop? (check all that apply)**

- Steel alloys
- Magnesium
- Aluminum
- Composites



**The sanding dust created during removal of paint from vintage automobiles contains:** (check all that apply)

- Pigments that can be hazardous to human health
- Pigments that can be hazardous to the environment
- Dust particles that can catch on fire
- Uncured isocyanates vapors
- Large amounts of iron

**Complete this sentence to make it a “True” statement: An OSHA-compliant air-gun...**

- Operates only at pressures below 50 psi, regardless of the air-line pressure
- Has relief valves that reduce air pressure to under 30 psi when dead-ended
- Is manufactured and sold by OSHA
- Has a stamp reading “OSHA” on the handle
- Is made using special steel alloys

## SKILLS

**I am comfortable with my ability to demonstrate and explain how to use local ventilation and work practices to minimize generation of dust and fumes.**

- Strongly Agree
- Agree
- Disagree
- Strongly disagree

**I am comfortable with my ability to demonstrate and explain how to identify an OSHA-compliant compressed-air gun.**

- Strongly Agree
- Agree
- Disagree
- Strongly disagree

