

INSTRUCTOR SELF-ASSESSMENT

DUST AND FUMES - KEY

KNOWLEDGE

Fiberglass is a skin and eye irritant.

- True
- False

Dust and Fumes, part 1, slide # 9

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

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

Dust and Fumes, part 1, slide # 13

Which of the following can penetrate deep into your lungs?

- Grinding dust
- Welding fumes
- Fine sanding dust

Dust and Fumes, part 1, slide # 6

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

Dust and Fumes, part 1, slides # 6 & 7

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

Dust and Fumes, part 1, slide # 12

Repairing vehicle parts made from which of the following materials can increase the risk of fire in a shop?

- Steel alloys
- Magnesium
- Aluminum
- Composites

Dust and Fumes, part 1, slide # 11

Fire Safety, part 1, slide # 15



The sanding dust created during removal of paint from vintage automobiles contains:

- ✓ 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~~

Dust and Fumes, part 1, slide # 10

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~~

Dust and Fumes, lab activities

