Toolbox KITS

CHEMICAL HANDLING SAFETY TRAINING

Chemical handling safety training

Labels, safety data sheets, PPE, storage, spills and first aid

About 45 minutes, with a 10-question quiz

39 slides | About 45 minutes | 10-question quiz | English + Spanish



SAMPLE

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MODULE 1

The hazard: what chemicals can do

- [ ] Chemicals come as solids, liquids, gases, vapors, mists, fumes and dusts
- [ ] Health hazards include toxicity, skin and eye damage, sensitization (allergies), cancer and organ damage
- [ ] Physical hazards include flammable and explosive chemicals, oxidizers and gases under pressure
- [ ] Some chemicals are corrosive to metal, and some give off flammable gas in contact with water
- [ ] Simple asphyxiants push oxygen out of the air, which can lead to unconsciousness and death
- [ ] **Good practice**
  some harm shows up right away and some years later, so do not wait for symptoms

29 CFR 1910.1200(c)

SAMPLE

Toolbox KITS

Crew handout

Chemical handling safety

29 CFR 1910.1200, 1910.132, 1910.133, 1910.134, 1926.152, 1910.151

Do

- Read the label and the SDS before you use a chemical.
- Label every container you fill, unless only you will use it, and only this shift.
- Wear the gloves, goggles and other PPE the SDS and your employer call for.
- Check your PPE before each use, and replace anything torn, cracked or worn out.
- Keep containers closed, and store chemicals away from heat and from products they react with.
- Wash your hands before you eat, drink or smoke, and eat only in clean areas.
- Know where the eyewash, spill kit and fire extinguisher are before you start.
- Report spills, splashes, missing labels and close calls right away.

Don't

- Do not use a chemical from an unlabeled container.
- Do not put chemicals in food or drink containers.
- Do not mix chemicals unless the label or SDS tells you to.
- Do not rely on safety glasses alone when liquids can splash.
- Do not store flammable liquids in exits, stairways or walkways.
- Do not clean up a spill you cannot identify or control. Leave and call for help.

SAMPLE

Remember **No label, no use: read it, wear the right PPE, and know where to flush before you start.**

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