



Epoxy Floor Safety Gear Checklist

Job: _____

Date: _____

Lead: _____

Use the product label and Safety Data Sheet (SDS) first. Epoxy systems, cleaners, primers, pigments, and topcoats differ. Select personal protective equipment (PPE) and ventilation for the exact products and task.

1 Before opening containers

- ☐ Read the label and current SDS for Parts A and B, cleaner, primer, colorant, and topcoat.
- ☐ Confirm temperature, humidity, cure window, ventilation, and fire precautions.
- ☐ Restrict the work area; keep children, pets, customers, and unprotected workers out.
- ☐ Remove flames, sparks, smoking, pilot lights, and other ignition sources when the SDS identifies a flammability risk.

2 Personal protective equipment

- ☐ **Hands:** Chemical-resistant gloves selected from the SDS, commonly nitrile, butyl rubber, or neoprene. Do not rely on cotton or latex.
- ☐ **Eyes and face:** Chemical splash goggles; add a face shield for splash-prone mixing or pouring.
- ☐ **Skin:** Long sleeves and chemical-resistant coveralls or disposable suit. Keep contaminated clothing off skin.
- ☐ **Feet:** Chemical-resistant boots or shoe covers with pants arranged to prevent liquid entering from the top.
- ☐ **Hearing:** Hearing protection when grinders or vacuums exceed safe noise levels.

3 Air and dust controls

- ☐ Provide cross-ventilation or local exhaust that moves contaminants away from the breathing zone and occupied spaces.
- ☐ For grinding, use shrouded tools connected to a HEPA-filtered dust extractor; prevent dry sweeping.
- ☐ Use only the respirator and cartridges specified by the SDS and hazard assessment.
- ☐ In a workplace, required respirator use needs medical evaluation, fit testing, training, and a written program.

4 Match protection to the task

Task	Minimum controls to confirm
Grinding	Goggles, hearing protection, protective clothing, shrouded grinder, HEPA extraction, and suitable particulate respiratory protection if required.
Mixing	Chemical gloves, goggles, face shield for splash risk, sleeves/coveralls, ventilation, and SDS-specified respirator.
Rolling	Chemical gloves, goggles, protective clothing and footwear, ventilation, and restricted access.
Cleanup	Keep PPE on, use compatible absorbent materials, close waste containers, and follow label/SDS disposal instructions.

5 Emergency and cleanup equipment

- ☐ Accessible eyewash or clean running water for immediate flushing.
- ☐ Mild soap, clean water, and disposable towels for prompt skin washing; never clean skin with solvents.
- ☐ Spill-control kit with compatible absorbent, scoop, and labeled waste container.
- ☐ First-aid kit and emergency contact information.
- ☐ Fire extinguisher appropriate for the products and work area.
- ☐ Sealable bags or containers for contaminated disposable PPE and waste.

Stop work if any box is not checked

Stop if the SDS is unavailable, ventilation is inadequate, the correct gloves or eye protection are missing, dust is escaping, ignition sources remain, or emergency washing is not ready. Avoid all skin contact: epoxy exposure can cause dermatitis and sensitization, after which even small exposures may trigger a reaction.

Important: This checklist is general guidance, not a substitute for the product label, SDS, site hazard assessment, or applicable OSHA rules. Spraying, confined-space work, or poorly ventilated indoor work may require professional industrial-hygiene review.