

Chemical exposure assessments

Many workplaces, from manufacturing to construction, expose employees to hazardous chemicals.

Do you know the risks of the chemicals used in your operations? Are your employees adequately protected? EMC Insurance can help you evaluate exposures and implement strategies to reduce risk—so your team can get the job done safely.

How we can help

Our experts assess chemical hazards in your workplace and recommend ways to minimize exposure. We can:

- Identify hazardous chemicals
- Measure employee exposure levels
- Recommend control measures, such as ventilation systems or personal protective equipment (PPE)
- Evaluate respiratory protection use and provide guidance on implementing a respiratory protection program

Common exposure risks

Certain tasks put employees at higher risk of chemical exposure, including:

- Painting
- Welding
- Solvent use
- Spraying adhesives
- Working with isocyanates
- Concrete work
- Woodworking



The impact of chemical exposure

Without proper controls, exposure to hazardous chemicals can lead to serious health issues, such as:

- Acute poisoning
- Breathing difficulties
- Burns
- Cancer
- Eye, organ, and nerve damage
- Permanent sensitivity to chemicals
- Reproductive issues and birth defects
- Skin irritation

Reducing chemical hazards

Help protect your employees by:

- Substituting less hazardous chemicals
- Installing and maintaining proper ventilation
- Improving storage and handling practices
- Providing PPE, such as respirators, gloves, and safety goggles