

# Chemical Exposure Assessments

From office spaces to manufacturing companies, many workplaces expose employees to chemicals. Do you understand the hazards of chemicals used by your organization? Are you adequately protecting your employees? EMC can help you evaluate your current chemical use and determine if less hazardous products or processes are available to help you get the job done with lower risk to your employee.

## CHEMICAL EXPOSURE ASSESSMENTS EVALUATE:

- Chemical use
- Control measures (like ventilation systems or personal protective equipment)
- Employee exposures
- Handling and storage practices

## USE A CHEMICAL EXPOSURE ASSESSMENT FOR MATERIALS OR PROCESSES LIKE THESE:

- Any activity that creates fumes
- Concrete work
- Electroplating
- Paint and glue
- Solvents
- Welding
- Woodworking



## EXAMPLES OF CONTROL MEASURES RECOMMENDED BY EMC:

- Less hazardous substitutions for chemicals
- Ventilation methods to keep fumes away from employees
- Improved storage practices
- Personal protective equipment

## Contact EMC Today

EMC loss control representatives are ready to help you improve chemical safety in your workplace. To set up an assessment, contact your local independent insurance agent, EMC loss control representative or email [losscontrol@emcins.com](mailto:losscontrol@emcins.com).



## QUICK STATS<sup>1</sup>

- Median number of days employees were away from work after exposure to harmful substances: 4.7
- Median number of days employees were away from work after a chemical burn: 3
- Annual number of employee injuries/illnesses from chemicals and chemical products: over 14,280

## OCCUPATIONAL CHEMICAL EXPOSURE CAN CAUSE HEALTH ISSUES, INCLUDING:

- Acute poisoning
- Breathing difficulties
- Burns
- Cancer
- Damage to eyes, organs and nerves
- Permanent sensitivity to chemicals
- Reproductive problems and birth defects
- Skin irritation

## POTENTIAL EMPLOYEE CHEMICAL EXPOSURES:

- Skin Absorption
- Ingestion
- Inhalation

## EMC Offers Valuable Loss Control Resources

EMC's loss control program dates back to 1926, and we continually enhance and expand our policyholder resources to deliver the most robust and current information and tools, all at no additional cost. Benefit from EMC's expert on-site services, including:

- Ergonomics
- Hazard control assessment
- Indoor air quality assessment
- Injury management programs
- Noise exposure assessment
- Self-directed safety training
- Slip and fall prevention

Check out [emcins.com/losscontrol](https://emcins.com/losscontrol) to learn more.



[emcins.com](https://emcins.com)

<sup>1</sup>U.S. Department of Labor – Bureau of Labor Statistics, November 2012, [http://stats.bls.gov/news.release/archives/osh2\\_11082012.pdf](http://stats.bls.gov/news.release/archives/osh2_11082012.pdf), pp. 14-15 (July 31, 2014). This material is for informational purposes only. EMC Insurance Companies does not warrant or make any representations regarding the use of or the results of the use of either the information or any of the services offered in this material.

