

Occupational Exposures to Epoxy Resins Among Construction Painters: Methods to Monitor Exposures and Urinary Biomarkers (6/15/21)

Related Resources:

1. Previous related webinars:
 - a. Assessment and control of exposures to ISOCYANATES in industrial coating applications: <https://youtu.be/ToExgSdTUfo>
 - b. Assessment and control of exposure to reactive chemicals in construction: Spray polyurethane foam applications (SPF): https://youtu.be/f1gn_v-5aeg
2. Key Findings: Exposures and urinary biomonitoring of aliphatic isocyanates in construction metal structure coating – <https://www.cpwr.com/wp-content/uploads/2020/06/KF2020-biomonitoring-aliphatic-isocyanates-construction.pdf>
3. Bello A, Xue Y, Gore R, Woskie S, Bello D. Assessment and control of exposures to polymeric methylene diphenyl diisocyanate (pMDI) in spray polyurethane foam applicators. International Journal of Hygiene and Environmental Health. 2019 June; 222(5): 804-815. [View abstract](#)
4. Key Findings: Exposure to organophosphate flame retardants in spray polyurethane foam applicators: Role of dermal exposure – https://www.cpwr.com/wp-content/uploads/publications/publications_KF2018-organophosphate-spray-polyurethane-foam.pdf
5. Research related to the ototoxic effects of solvents:
 - a. NIOSH: [Preventing Hearing Loss Caused by Chemical \(Ototoxicity\) and Noise Exposure](#)
 - b. Use of the kurtosis statistic in an evaluation of the effects of noise and solvent exposures on the hearing thresholds of workers: An exploratory study – <https://asa.scitation.org/doi/10.1121/1.5028368>
 - c. Association of organic solvents and occupational noise on hearing loss and tinnitus among adults in the U.S., 1999–2004: <https://link.springer.com/article/10.1007/s00420-019-01419-2>
 - d. Hearing loss among older construction workers: Updated analyses – <https://doi.org/10.1002/ajim.22827>