

SPEAKER INFORMATION

Julie Panko, CIH

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Julie Panko, principal scientist and senior vice president for ToxStrategies, has more than 30 years of experience conducting and managing occupational, environmental, and consumer health risk assessments.

A certified industrial hygienist, she has focused primarily on evaluating chemical risks from industrial, commercial and consumer products within various regulatory programs and voluntary initiatives. Some of this work covered paints and coatings, adhesives, tires, arts and crafts, beauty care, and many industrial process chemicals.

Panko's expertise includes quantitative exposure assessment, such as retrospective analysis of occupational and community-based exposures to industrial emissions, and human health risk assessment for contaminated sites. Her experience also encompasses industrial hygiene program development and implementation; indoor air quality of industrial, commercial, and residential environments; and product stewardship and sustainability.

She has evaluated potential human health risks associated with numerous substances, including benzene, toluene, xylene, acetone, trichloroethylene, dioxin, polychlorinated biphenyls, mineral spirits, a wide variety of metals, polycyclic aromatic hydrocarbons, perfluorinated compounds, and biologicals including fungi and bacteria.

Panko has published works on the use of chemical fingerprinting and other commercially available tools to evaluate chemical risks associated with a product throughout its life cycle, providing transparent and scientific approaches to evaluating chemical substitutes. She is an international expert on potential human and ecological health risks associated with non-exhaust vehicle emissions, in particular tire and road-wear particles.