OCCUPATIONAL HEALTH RISKS ASSOCIATED WITH NANOMATERIALS
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Abstract
The small size of nanomaterials means they have different properties than larger particles of the same substance, they may be more conductive, stronger, or more chemically reactive and these different properties make nanomaterials useful. The potential occupational health risks associated with the manufacture and use of nanomaterials are not yet clearly understood and some of these special properties that make nanomaterials useful are also properties that may cause hazards to humans and the environment under specific conditions. This article reviews the procedures necessary for analyzing and assessing risks associated with exposure to nanoparticles in the workplace.

Keywords: risk assessment, risk management, nanotechnology, occupational safety

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