Safety Brief

Clear the Air: Importance of Ventilation for Your 3D Printing Space

—

3D printing, particularly using materials like plastics (PLA, ABS, nylon) and resins, can release potentially hazardous fume and particulates into the air. Effective ventilation and fume management are essential for protecting the health and safety of 3D printer users.

Ventilation & Enclosures

3D printers should be used with local exhaust ventilation systems and enclosures to capture harmful fumes and particulates directly at the source, preventing them from spreading into the workspace.

Material Selection

Choosing printing media with lower emissions, like PLA instead of ABS, reduces the release of harmful fumes and particulates, minimizing the overall exposure in the 3D printing workspace.

Contact EHS for any questions regarding 3D printer use.