



**Written Laboratory Hazard Evaluation & Checklist for PPE Use**


<b>I am reviewing (check the appropriate box)</b>	<b>Teaching Lab</b>	<b>Course #, Lab Section and Lab/Room #:</b>
	<b>Research Lab</b>	<b>Research Project, PI and Lab/Room #:</b>
	<b>Other</b>	<b>List Relevant Details:</b> Hazardous waste collection activities from Science Center labs by the Stockroom/EHS dept.


**Your name (print):** Brian J. Hansen      **Dept:** EHS

**Lab Activity/Experiment/Process Details:**  
 Hazardous and other waste types are collected from research and teaching labs on a weekly (or as needed) basis, across a wide range of potential hazard classes, for eventual processing in G080. Waste containers are to be collected on a cart or within an individual container carrying tote. Waste containers at 2.5 L or larger should have their cap opened slightly within fume hood controls before they are collected/moved to release any pressure buildup—but otherwise, containers are to be kept closed during all other handling and relocation activities back to G080 to minimize the potential for an accidental leak or spill. Do not overload the cart with too many waste containers.


<b>Eye/Face Hazards</b>	<b>Chemicals</b>	<b>Description of Hazard(s)</b>	<b>PPE Required</b>
	<b>Biological Agents</b> <b>Impact/Flying Debris</b> <b>Thermal/Cryogenics</b> <b>Radiological</b> <b>Lasers</b> <b>Welding/Soldering</b> <b>Other:</b> Pressure	Chemical/biological hazards during waste collection are primarily from contact only as no processing activities should be performed. When opening 2.5 L or greater container caps for pressure relief purposes prior to transportation, do so such that the sash provides additional eye/face protection from potential pressure hazards.	Side shielded safety glasses

<b>Hand Hazards</b>	<b>Chemicals</b>	<b>Description of Hazard(s)</b>	<b>PPE Required</b>
	<b>Biological Agents</b> <b>Thermal/Cryogenics</b> <b>Radiological</b> <b>Laceration/Injection</b> <b>Crush/Pinch</b> <b>Other:</b>	Chemical/biological hazards during waste collection are primarily from contact only as no processing activities should be performed. If containers to be handled are contaminated on the outside, change gloves frequently to avoid cross-contamination, and avoid touching door knobs while moving between labs with contaminated gloves.	Nitrile, latex rubber or neoprene surgical gloves

Body/Skin Hazards	Chemicals Biological Agents Radiological Thermal/Cryogens Laceration/Injection Crush/Pinch Other:	Description of Hazard(s)	PPE Required
		Chemical/biological hazards during waste collection are primarily from contact only as no processing activities should be performed. However due to the need to maneuver around hood spaces to collect full waste containers, there is the chance that personal clothing could come into contact with containers contaminated on the outside.	Standard lab coat

Respiratory Hazards	Gases/Vapors Fogs/Mists Dusts/Particulates Fumes Bio-Aerosols Nanoparticles Other:	Description of Hazard(s)	PPE Required
		Respiratory risk is negligible as chemicals are not generally used during the collection process.	N/A

Check appropriate box if respiratory hazards are intended to be controlled wholly through engineering controls:	<input type="checkbox"/> Fume Hood <input type="checkbox"/> Biological Safety Cabinet	<input type="checkbox"/> Glove Box/Isolation <input type="checkbox"/> Other:
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Misc/Other Hazards	Electrical Foot/Feet Noise UV/IR Radiation Other:	Description of Hazard(s)	PPE Required
		N/A	N/A

<b>Certification</b>	I hereby certify that the above laboratory hazard assessment was performed to the best of my ability and knowledge, as per OSHA regulations and the Hamilton College Chemical Hygiene Plan, based upon the known or expected hazards present in the lab/lab activity.
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Signature:	<i>Brian J. Hansen</i>	Date:	January 19, 2012
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