

**University of Washington Template  
For Use in Laboratories to Meet Required WAC 296-62-400 Regulation**

Standard Operating Procedures for Chemicals or Processes					
#1 Process (if applicable)	Used as a transitional solvent between dehydration and infiltration/ embedding in epoxy resin.				
#2 Chemicals	Propylene oxide. Extremely flammable. Toxic. May cause cancer. Causes burns. Harmful by inhalation, skin contact or ingestion.				
#3 Personal Protective Equipment (PPE)	Lab coat, goggles, butyl rubber gloves				
#4 Environmental / Ventilation Controls	Propylene oxide should only be dispensed/handled in a fume hood (CD186A or CD186D). Store in flammable cabinet beneath fume hood or in CD186F.				
#5 Special Handling Procedures & Storage Requirements	Propylene Oxide is EXTREMELY FLAMMABLE. Keep away from any possible source of ignition. It is also a suspected carcinogen. Use extreme caution when handling.				
#6 Spill and Accident Procedures	Clear area of all personnel and close lab door. Call EH&S HazMat team or Fire Dept. immediately.				
#7 Waste Disposal	Waste propylene oxide is collected in previously emptied propylene oxide container (vented cap) and picked up by EH&S.				
#8 Special Precautions for Animal Use (if applicable)	n/a				
Particularly hazardous substance involved?	<table style="width: 100%; border: none;"> <tr> <td style="width: 30%; border: none;"><input type="checkbox"/> YES:</td> <td style="border: none;">Blocks #9 to #11 are Mandatory</td> </tr> <tr> <td style="border: none;"><input checked="" type="checkbox"/> NO:</td> <td style="border: none;">Blocks #9 to #11 are Optional.</td> </tr> </table>	<input type="checkbox"/> YES:	Blocks #9 to #11 are Mandatory	<input checked="" type="checkbox"/> NO:	Blocks #9 to #11 are Optional.
<input type="checkbox"/> YES:	Blocks #9 to #11 are Mandatory				
<input checked="" type="checkbox"/> NO:	Blocks #9 to #11 are Optional.				
#9 Approval Required					
#10 Decontamination					
#11 Designated Area					
Name:	Title:				
Signature:	Date:				

