

Appendix L

Labeling of Hazardous Materials

I. SCOPE

This procedure applies to all students, staff, and faculty who in the course of their job duties, generate, accumulate, store, or handle hazardous materials within UCI.

II. RESPONSIBILITIES

It is the responsibility of all students, staff, and faculty who in the course of their job duties, generate, accumulate, store, or handle hazardous materials within UCI to follow this procedure.

III. PURPOSE

This procedure provides guidance for the proper labeling of hazardous material containers in order to protect students, staff, and faculty, and to assure compliance with all Federal, State and local regulations.

IV. PRACTICE

A. **Labeling requirements for chemicals in the manufacturers' containers:**

1. Cal/OSHA's Hazard Communication Standard requires that manufacturers provide chemical labels that indicate:
 - Contents of the container
 - Appropriate physical and health hazard warnings
 - Name, address, and emergency phone number of the manufacturer

B. **Labeling requirements for chemicals in a non-manufacturers' container:**

1. Labels must be complete, legible and permanent.

APPENDIX L
Laboratory Safety Guidelines

- All non-manufacturer containers intended for use and storage of hazardous materials for more than immediate use should be appropriately labeled as follows:

Hazardous Material University of California, Irvine Irvine, CA 92697		
Prep Date:		
By:		
Chemical Name		Conc.
Health Hazard <input type="checkbox"/> Carcinogen <input type="checkbox"/> Toxic <input type="checkbox"/> Highly Toxic <input type="checkbox"/> Reproductive Toxin <input type="checkbox"/> Irritant <input type="checkbox"/> Corrosive <input type="checkbox"/> Sensitizer <input type="checkbox"/> Mutagen	Physical Hazard <input type="checkbox"/> Combustible <input type="checkbox"/> Compressed Gas <input type="checkbox"/> Explosive <input type="checkbox"/> Flammable <input type="checkbox"/> Organic Peroxide <input type="checkbox"/> Oxidizer <input type="checkbox"/> Air/Water Reactive <input type="checkbox"/> Unstable Reactive	Target Organ <input type="checkbox"/> Lungs <input type="checkbox"/> Skin <input type="checkbox"/> Eyes <input type="checkbox"/> Nervous System <input type="checkbox"/> Blood <input type="checkbox"/> Teratogen <input type="checkbox"/> Kidney <input type="checkbox"/> Liver

C. Labeling requirements for hazardous waste containers:

- Labels must be complete, legible and permanent.
- Labels must be placed on the hazardous waste container upon start of the accumulation.
- All hazardous waste containers must be appropriately labeled as follows:

Hazardous Waste University of California, Irvine Irvine, CA 92697		
PI/Supv.	Ext.	
Date Waste First Generated:	8/22/07	
Transfer to EH&S Before:	2/18/08	
Chemical Name		Conc.
Physical State <input checked="" type="checkbox"/> Gas <input type="checkbox"/> Liquid <input type="checkbox"/> Solid		
Hazard Category <input type="checkbox"/> Flammable <input type="checkbox"/> Corrosive <input type="checkbox"/> Toxic <input type="checkbox"/> Air/Water Reactive <input type="checkbox"/> Oxidizer <input type="checkbox"/> Explosive		

D. [Hazardous Materials](#) and [Hazardous Waste labels](#) can be obtained:

1. By Internet at: <http://www.ehs.uci.edu/programs/enviro/>
2. By contacting EH&S at 824-4578

E. **For specific information on chemicals, consult a Materials Data Safety Sheet (MSDS). A MSDS can be obtained:**

1. By Internet at <http://www.ehs.uci.edu/msds.html>
2. By contacting the manufacturer
3. By contacting EH&S at 824-8791