

Science Practical Risk Assessment

School of Maths & Science	Practical Activity Title Paper Chromatography (MAS_SP_0006_paper_chromatography)	Risk Assessment No. MAS_RA_0006_paper_chromatography_afan	
Location	Biology Lab. AA024		
Assessment Performed By	Kathryn Williams	Signature:	Date: 18 Jan 2008
Supported By	Wendy Rees	Signature:	Date: 18 Jan 2008
Approved By	Brian Harris (H.o.S.)	Signature:	Date: 18 Jan 2008
Date of Re-assessment (if necessary)	Re-assess if any changes to procedure or equipment / chemicals are made.		

HAZARDS TO BE CONSIDERED	WHO MIGHT BE HARMED?	IS THE RISK ADEQUATELY CONTROLLED?	WHAT FURTHER ACTION IS NECESSARY TO CONTROL THE RISK?
1. Slipping / Tripping	Staff		
2. Fire	Students		
3. Chemicals / drugs			
4. Moving parts of machinery			
5. Pressure systems		<i>Please complete overleaf</i>	<i>Please complete overleaf</i>
6. Electricity			
7. Dust			
8. Fumes			
9. Manual Handling			
10. Noise			
11. Lighting			
12. Computers			
13. Any other hazards			

(Please refer to Risk Assessment Matrix to indicate how Severity and Likelihood combine to produce a Risk score)
Likelihood x Severity = Risk Score, = Low, Medium or High risk

Type & Source Of Hazard	Nature Of The Risk	Type Of Activity In Which Risks May Arise	Control Measures	Risk Rating			L M H	Any Further Control Measures Required
				L	S	R		
Bags & coats	Trip Hazard	Any activity which involves movement around the laboratory	Place all bags & coats etc in designated area in room.	1	1	1	L	
Propanone (Acetone)	Splashes to skin and eyes. Inhaling vapour.	Grinding up ivy leaves.	The wearing of safety goggles is mandatory during practical activities in the laboratory. Propanone is listed as an irritant; any splashes to skin should be washed off immediately. Ensure laboratory is well ventilated	2	2	4	L	
Propanone / Petroleum Ether mix.	Splashes to skin and eyes. Inhaling vapour.	Pouring solvent mixture into boiling tubes.	The wearing of safety goggles is mandatory during practical activities in the laboratory. Petroleum Ether is listed as harmful; any splashes to skin should be washed off immediately. Ensure laboratory is well ventilated	2	2	4	L	
Small pins / drawing pins.	Cuts.	Picking up & using pins.	Care needed when handling pins to avoid contact with sharp points.	1	1	1	L	

INDICATE WHAT FIRST AID ARRANGEMENTS ARE IN PLACE

A science technician (qualified first aid at work) shall be present during all science practical lessons.
First aid kit available in all science prep rooms (Physics AA022, Chemistry AA018 & Biology AA024).

Assessment performed by : (Please Print Name)	Kathryn Williams	Position :	Biology / Human Biology Lecturer
Date of Assessment :	18 January 2008		
Signed :			

ACTION LIST RECOMMENDATIONS	Risk Rating			L M H	TO BE ACTIONED BY	DATE ACTION COMPLETED	SIGNATURE
	L	S	R				