

Title: Painting and Gluing

Issue Date: May 2016

CENTRAL OFFICE USE ONLY

Page Number: 1 of 2

Last Reviewed: May 2016

Next Review Date: May 2018

DO NOT use this machine unless you have been trained in its safe use and operation.

Description of Work: Using Paints and glues



Potential Hazards: Exposure to chemicals and adhesives which could cause reactions or irritations. Potential to adhere skin unexpectedly.

Important Notice: This SOP is intended as a reference guide to compliment Western Engineering's Shop Safety Training. This document by its self does not constitute shop/equipment training. Please visit OWL site: "Western Engineering Shop Training"

Personal Protective Equipment (PPE) Required (Check the box for required PPE):



Gloves



Respirator /Fume Extraction



Eye Protection



Potentially Toxic effects



Potentially Flammable



Protective Clothing



Potential Risks and Hazards:

- Read all labels and follow manufacturer's instructions.
- Inhalation of fume – Consult MSDS/SDS
- Use outdoors if well ventilated area is required or consult UMS

Safe Work Procedure Checklist:

1. PRE-Operation:

- Most areas are not suitable for painting! Ensure the selected area is appropriate.
 - A small ductless fume hood is available in CMLP 63. That's it, indoors.
 - Outside is available if all precautions are met.
- **Painting of University property (accidental or otherwise) will be met with a bill in the amount associated with the cost of removal or clean-up!**
- Always begin by setting-up your work area safely to avoid the following:
 - Overspray, trip hazard, uncomfortable working conditions, and other dangerous situations
 - Poisoning due to contamination Ensure ample fresh air is available

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1. PRE-Operation: Continued

- Protect surrounding areas from overspray or dripping of materials (paints and glues)
- Read any MSDS/SDS for materials being used
- Test for compatibility

2. Operation:

- CMLP 63 is not a place for painting unless in the ductless fume hood.
- Ensure all other students are clear of immediate work area or protected to a safe level
- Do not get glue or paint on anything other than the intended work piece. Mask of are, use drop sheets or consult a technician if unsure.
- Follow all manufacturer's instructions and applicable MSDS/SDS
- Stop work immediately if you are painting anything other than the intended work piece
- Remove all sources of ignition – Electrical tools, flames, sparks
- Use proper ventilation at all times.
 - **CMLP 63 is not a well ventilated workspace**
 - **CMLP 54 fume extractor is not for combustible fumes**
- Return work area to as found state. Remove all materials and drop sheets.
- If painting outside, protect all cement from overspray

3. POST-Operation:

- Remove all signs of project. Clean up any spills immediately
- Dispose of any waste in accordance with environmental standards and UWO policies

Competent Persons (The following persons are authorised to operate, supervise and test students on the equipment/process).

Name:	Title:	Contact Details:
Chris Vandelaar	Student Shop Manager	CMLP 1301 x 80281
UMS Technicians	UMS Technicians	TEB Rm. 50 x 88836

This SOP does not necessarily cover all possible hazards associated with the machine and should be used in conjunction with other references It is designed to be used as an adjunct to teaching Safety Procedures and to act as a reminder to users prior to machine use

Date of last review:

Signature: