

**General Risk Assessment Form**

Date: (1) 9/12/16	Assessed by: (2) Jim Backhouse Scott Miller	Validated by: (3)	Location: (4) SED Workshop Room B15 Humanities Bridgeford Street	Assessment ref no (5) 20	Review date: (6) 20/12/17
Task / premises: (7) Gluing and bonding wood and card with PVA (poly vinyl acetate) glue.					

Activity (8)	Hazard (9)	Person(s) in danger (10)	Existing measures to control risk (11)	Risk rating (12)	Result (13)
Gluing	Skin Irritant	Staff and students	PPE and protective gloves	Low-trivial	A

**General Risk Assessment Form**

Date: (1) 9/12/15	Assessed by: (2) Jim Backhouse Scott Miller	Validated by: (3)	Location: (4) SED Workshop Room B15 Humanities Bridgeford Street	Assessment ref no (5) 21	Review date: (6) 20/12/16
Task / premises: (7) Use of Liquid cement for gluing plastics, containing Dichloromethane (S11950).					

Activity (8)	Hazard (9)	Person(s) in danger (10)	Existing measures to control risk (11)	Risk rating (12)	Result (13)
Gluing plastics	Skin and eye Irritant	Staff and students	PPE and protective gloves, use in a well ventilated area.	Low	A

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Date: (1) 9/12/15	Assessed by: (2) Jim Backhouse Scott Miller	Validated by: (3)	Location: (4) SED Workshop Room B15 Humanities Bridgeford Street	Assessment ref no (5) 22	Review date: (6) 22/12/16
Task / premises: (7) Spray mounting with spray adhesive.					

Activity (8)	Hazard (9)	Person(s) in danger (10)	Existing measures to control risk (11)	Risk rating (12)	Result (13)
Gluing paper and card	Skin Irritant fumes flammable	Staff and students	PPE and protective gloves, use in a well ventilated area and store in a lockable cabinet	Low	A

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Task / premises: (7) Use of W-D 40 Lubricant.					

Activity (8)	Hazard (9)	Person(s) in danger (10)	Existing measures to control risk (11)	Risk rating (12)	Result (13)
Oiling and cleaning	Skin Irritant Flammable	Staff and students	PPE and protective gloves use in a well ventilated area, store in a metal cabinet	Low	A

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Task / premises: (7) Gluing and bonding wood, plastic, metal and card with Araldite Rapid.					

Activity (8)	Hazard (9)	Person(s) in danger (10)	Existing measures to control risk (11)	Risk rating (12)	Result (13)
Gluing	Skin Irritant	Staff and students	PPE and protective gloves, store in a lockable metal cabinet.	Low	A

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Date: (1) 9/12/15	Assessed by: (2) Jim Backhouse Scott Miller	Validated by: (3)	Location: (4) SED Workshop Room B15 Humanities Bridgeford Street	Assessment ref no (5) 25	Review date: (6) 9/12/16
Task / premises: (7) Gluing and bonding wood and card with Evo-stik Impact contact adhesive glue.					

Activity (8)	Hazard (9)	Person(s) in danger (10)	Existing measures to control risk (11)	Risk rating (12)	Result (13)
Gluing and bonding plastics and wood	Skin Irritant Harmful by inhalation Flammable	Staff and students	PPE and protective gloves Use in a well ventilated area and store in a lockable metal cabinet	Low	A

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Date: (1) 9/12/15	Assessed by: (2) Jim Backhouse Scott Miller	Validated by: (3)	Location: (4) SED Workshop Room B15 Humanities Bridgeford Street	Assessment ref no (5) 26	Review date: (6) 12/12/16
Task / premises: (7) Use of Button polish and shellac for sealing and finishing timber and furniture.					

Activity (8)	Hazard (9)	Person(s) in danger (10)	Existing measures to control risk (11)	Risk rating (12)	Result (13)
Sealing and finishing	Skin Irritant Flammable	Staff and students	PPE and protective gloves Use in a well ventilated area and store in a lockable metal cabinet	Low	A

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Task / premises: (7) Use of white spirit and turpentine for thinning paint and cleaning brushes. Use of Varnish remover Acetone					

Activity (8)	Hazard (9)	Person(s) in danger (10)	Existing measures to control risk (11)	Risk rating (12)	Result (13)
Cleaning brushes	Skin Irritant Flammable	Staff and students	PPE and protective gloves Use in a well ventilated area and store in a lockable metal cabinet	Low	A
Removing Varnish	Skin Irritant Flammable	Staff and students	PPE and protective gloves Use in a well ventilated area and store in a lockable metal cabinet	Low	A



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Task / premises: (7) Painting with water-based paints. Use of spray paints.					

Activity (8)	Hazard (9)	Person(s) in danger (10)	Existing measures to control risk (11)	Risk rating (12)	Result (13)
Painting	Skin Irritant	Staff and students	PPE and protective gloves. Avoid contact with eyes and skin.	Low-trivial	A
Plastikote spray paint	Skin Irritant Flammable	Staff and students	PPE and protective gloves. Avoid contact with eyes and skin. Use in a well ventilated area. Do not breathe spray vapours.	Low	A

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Task / premises: (7) Paining with oil-based paints and polyurethane varnish.					

Activity (8)	Hazard (9)	Person(s) in danger (10)	Existing measures to control risk (11)	Risk rating (12)	Result (13)
Painting	Skin Irritant Flammable	Staff and students	PPE and protective gloves. Avoid contact with eyes and skin. Use in a well ventilated area. Do not breathe vapours. Store in a lockable metal cabinet.	Low	A
Varnishing	Skin Irritant Flammable	Staff and students	PPE and protective gloves. Avoid contact with eyes and skin. Use in a well ventilated area. Do not breathe vapours. Store in a lockable metal cabinet.	Low	A

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Task / premises: (7) Gluing and bonding wood and card with COWGUM glue.					

Activity (8)	Hazard (9)	Person(s) in danger (10)	Existing measures to control risk (11)	Risk rating (12)	Result (13)
Gluing	Skin Irritant	Staff and students	PPE and protective gloves. Avoid contact with eyes and skin. Use in a well ventilated area. Do not breathe vapours. Store in a lockable metal cabinet	Low	A
	Flammable Fumes				

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Task / premises: (7) Use of wood dye.					

Activity (8)	Hazard (9)	Person(s) in danger (10)	Existing measures to control risk (11)	Risk rating (12)	Result (13)
Wood Finishing	Skin Irritant Vapours	Staff and students	PPE and protective gloves. Avoid contact with eyes and skin. Use in a well ventilated area. Do not breathe vapours. Store in a lockable metal cabinet	Low	A
	Flammable				

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Task / premises: (7) Cleaning brushes with brush cleaner.					

Activity (8)	Hazard (9)	Person(s) in danger (10)	Existing measures to control risk (11)	Risk rating (12)	Result (13)
Cleaning brushes	Skin Irritant vapour	Staff and students	Use appropriate PPE. Avoid contact with eyes and skin. Use in a well ventilated area. Do not breathe vapours. Store in a lockable metal cabinet.	Low	A
	Flammable				

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Task / premises: (7) 3D Printing. Replenishing powder and Binder fluid					

Activity (8)	Hazard (9)	Person(s) in danger (10)	Existing measures to control risk (11)	Risk rating (12)	Result (13)
3D Printing	Skin Irritant Dust	Staff and students	Wear protective gloves and dust masks, avoid contact with skin and eyes	Low	A
Binder Replenishing	Skin Irritant	Staff	PPE and protective gloves. Wear protective gloves and dust masks, avoid contact with skin and eyes	Low	A

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Task / premises: (7) Laser cutting.					

Activity (8)	Hazard (9)	Person(s) in danger (10)	Existing measures to control risk (11)	Risk rating (12)	Result (13)
Laser cutting	Heat, fumes flammable	Staff and students	Should be used in a well ventilated area with extraction for fumes.	Low	A

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Task / premises: (7) CNC cutting					

Activity (8)	Hazard (9)	Person(s) in danger (10)	Existing measures to control risk (11)	Risk rating (12)	Result (13)
CNC cutting	Heat, Dust Skin Irritant	Staff and students	Extraction, The machine is completely enclosed with interlocks	Low	A



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Task / premises: (7) 3D Printing. HP ABS plastic printer and removal system					

Activity (8)	Hazard (9)	Person(s) in danger (10)	Existing measures to control risk (11)	Risk rating (12)	Result (13)
3D Printing	Heat	Staff and students	Wear protective gloves	Low	A
Support Removal Chemical Bath	Skin Irritant Heat	Staff	PPE and protective gloves. Wear protective gloves and avoid contact with skin and eyes	Low	A

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Task / premises: (7) Resin Casting					
Activity (8)	Hazard (9)	Person(s) in danger (10)	Existing measures to control risk (11)	Risk rating (12)	Result (13)
Polyester Casting	Skin Irritant, Fumes, flammable.	Staff and students	Wear protective gloves, Respirator, Wear protective gloves and avoid contact with skin and eyes. To mixed at the correct ratios 2% catalyst to resin. PPE and protective gloves Use in a well-ventilated area and store in a lockable metal cabinet	High	A
Polyurethane Casting Resin	Skin Irritant, Fumes, flammable.	Staff and students	Wear protective gloves, Respirator, Wear protective gloves and avoid contact with skin and eyes. To mixed at the correct ratios 50/50 parts A and B. PPE and protective gloves Use in a well-ventilated area and store in a lockable metal cabinet.	High	A

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Task / premises: (7)					
Activity (8)	Hazard (9)	Person(s) in danger (10)	Existing measures to control risk (11)	Risk rating (12)	Result (13)
Silicon Casting/ Mould making	Potential Skin Irritant,	Staff and students	Wear protective gloves, Wear protective gloves and avoid contact with skin and eyes. PPE and protective gloves Use in a well-ventilated area and store in a lockable metal cabinet	low	A

