

RISK ASSESSMENT – SPRAY BOOTH, PREP & MIXING ROOMS



SITE	PROJECT No	ASSESSMENT CARRIED OUT BY:
Wrotham – Units 6	Spray booth, Prep & mixing rooms	Andrew Price

THE LOGISTICS MANAGER IS RESPONSIBLE FOR ENSURING THE CONTROL MEASURES SPECIFIED ARE IMPLIMENTED AND MAINTANED

ACTIVITY	Spray booth and mixing room operations								
Hazard	Consequence	Pre-Control Risk			Control Measures	Residual Risk			Remarks
		P	S	R		P	S	R	
Inhalation of vapours	Respiratory problems. Health effects related to particular materials	4	3	12	Comply with the COSHH assessments and safety data sheets for the materials in use, Air line fed respirator system incorporating head gear to BS EN 269 (Hood) to be used when spraying in the booth. Mixing of paints to be carried out only in the mixing room with the extraction system running. Ensure that the extraction equipment is properly maintained and in good working order. When working outside the areas where extraction is effective, maintain ventilation, and if vapours are produced, wear either: Cartridge half face respirator mask to BS EN 405 or BS EN 1827 or Cartridge type full face respirator mask to BS EN 136 with filters to BS EN 14387	1	3	3	
Paint or thinners on skin	Skin disorders (dermatitis) Health effects related to particular materials	4	3	12	Comply with the COSHH assessments and safety data sheets for the materials in use, including use of overalls and gloves recommended to be effective with those materials. If the specification for gloves is not defined in the COSHH assessment or safety data sheet, use gloves to BS EN 388 Fabric glove with oil resistant coating (eg Nitrile) on palms, fingers and thumb, breathable back.	1	3	3	

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Hazard	Consequence	Pre-Control Risk			Control Measures	Residual Risk			Remarks
		P	S	R		P	S	R	
Contact of materials with eyes.	Irritation. Eye damage.	3	3	9	Comply with the COSHH assessments and safety data sheets for the materials in use, including the use of the recommended eye protection.	1	3	3	
Ignition of flammable materials	Injury/Death	3	4	12	Store highly flammable liquids in fireproof metal cabinets. Comply with the controls identified in the fire risk assessment for the Unit.	1	4	4	
Escape of materials hazardous to health	Health effects associated with the particular materials.	3	4	12	Store in accordance with the recommendations in the relevant safety data sheet for the materials. Store copies of all relevant safety data sheets of the Company server.	1	4	4	
Manual Handling	Injury	3	3	9	Operators to be trained in manual handling methods. Refer to S Lucas Group form “1.29 Manual Handling Assessment “. For handling of items not covered in that assessment, operators must consider suitable methods, including mechanical methods and team lifting as appropriate. If in any doubt, refer to the SQE Manager. No person should carry out any lift or carry any item unless they are fit and feel comfortable to do so.	1	3	4	
Inhalation dust	Respiratory problems	3	3	9	When concentrations of dust are significant, wear Face mask to BS EN 149 FFP1 (particulate) or FFP2 (particulate) or FFP3 (particulate)	1	3	3	
Objects falling on feet.	Injury	3	3	9	Safety footwear to BS EN to be worn CE Marked safety boots or shoes with reinforced toe and sole protection, for example to either: BS EN 345 or BS EN 347 P or ISO 20345: 2004 P or ISO 20345: 2007. P	1	3	3	
Accidents occurring when working alone.	Sustaining injuries, and being unable to summon assistance.	4	4	16	Avoid working alone wherever practicable. If unavoidable, arrange to make contact with a colleague on a regular basis (at least every 15 minutes). If no contact is made when expected, the colleague shall check weather all is well, and if not, render assistance, and summon help as appropriate.	2	4	8	

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Hazard	Consequence	Pre-Control Risk			Control Measures	Residual Risk			Remarks
		P	S	R		P	S	R	
Exposure to vibration from tools	Hand Arm Vibration syndrome (risk of irreversible injury)	3	3	9	Vibrating tools to be used by competent operators only. Inspect the tool before each use. Ensure that all attachments are secure, fit tightly, and are in serviceable condition. Each person's daily exposure is to be limited to the duration given by the Lucas project vibration exposure calculator. This shall ensure that the 8 hr time weighted average exposure does not exceed the regulatory Exposure Action Value of 2.5 ms⁻² rms. Discontinue use if discomfort is experienced.	1	3	4	

KEY

Accident Probability P	X	Accident Severity S	=	Risk R	Factor	Action
Very Likely 4		Very Serious 4		9 - 16	High	Unacceptable Risk.
Reasonably Likely 3		Reasonably Serious 3				Re-assess to eliminate/ reduce risk to Low/Med Factor
Reasonably Unlikely 2		Reasonably Moderate 2		5 - 8	Med	Consider further precautions to reduce risk to Low Factor.
Very Unlikely 1		Very Minor 1				Proceed with extra care if unable to reduce to Low Factor
				1 - 4	Low	No further action required