

DEVON SCIENCE

Risk Assessment

Risk Assessment for : Buzz Bot Kit Components		Risk Assessment Number : BUZZBOTKIT			
Location : N/A		Assessed by : Rob Stradling		Page 1 of 1	
Activities Assessed: the components and building the buzz bot.		Date : 26 January 2024		Review date : 26/1/25	
Hazards Identified	People at risk	Controls & Precautions/ Already in place to reduce risk level	SR	LR	RR
Small parts, potential choking hazard (in craft kit as well))	Under 3 year olds	Safety warning notice “small parts, not suitable for under 3s” & “Adult supervision required at all times” & “This is not a toy”.	5	1	5
Zinc Chloride battery 1) Leakages (liquid or vapour) can be dangerous if in contact with skin, eyes or if ingested. Vapour could cause respiratory inhalation 2) Very poisonous to aquatic life.	Anyone exposed	Safety warning notice as above, advise top recycle batteries properly	3	1	3
Mini DC motor 1) Overheating due to prolonged use could result in minor burns 2) Possible injury from high speed e.g. weight could detach and fly off. Hair could get caught up.	Anyone exposed	Safety warning notice “Adult supervision required at all times” & “This is an educational kit, not a toy” & “Keep, hair and loose items away from spinning motor”	3	1	3

SR : Fatality = 5; Major inj = 4; 3-4 days off = 3; 1 day of =2; First aid only = 1 No personal inj = 0	LR : Frequent = 5; Probable = 4; Possible = 3; Remote = 2; Unlikely = 1	RR = SR x LR
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