

# RISK ASSESSMENT

	Company:	Party2Party Entertainment Hire	Date Assessed or Reviewed:	30/04/2025	Date of Next Review:	29/04/2026
	Task:	Foam Cannon Machine Safety	Assessed / Reviewed By:	Joseph Baker		
	Product:	Foam Cannon	Person/s Exposed:	Public/Staff/Operators		
People at risk	Hazard	Probability	Severity	Overall Risk	Actions	Date Complete
Select table column		(1-5)	(1-5)	Rating SCORE		
Operators, staff, public	Wet floor-slipping /sliding -falls	2	3	6	Warning wet floor signs / dj wet floor announcement prior to foam party if available, customers advised in disclaimer to wear non slip footwear. Make sure walkways clear with no wires/cables or trip hazards	30/04/2025
Operators, staff, public	Wet stairs and level changes- slipping -falls	2	3	6	Warning wet floor signs / dj wet floor announcement prior to foam party if available, customers advised in disclaimer or before event to wear non slip footwear, Venue notified to maintain areas with regular staff checking area and dean up if necessary. No obstructing hazards in area	30/04/2025
Operators, staff, public	Chocking on foam or suffering breathing difficulties	1	4	4	Water to be provided free of charge if needed to help if anyone swallows foam, security to provide first aid box if needed and move person to safe area.	30/04/2025
Operators, staff, public	Foam in eyes	5	1	5	Clean water must be present at venue if required, we provide HSE safety first aid box with saline eye wash pods. children Goggles recommended to be worn- although personal choice	30/04/2025
Operators, staff, public	Electric shock	1	5	5	Where possible point foam away from electrics, display warning signs near power supplies, make sure mask off any electric sockets cover any speakers with plastic sheeting, do not overpower sockets, Pat test machine annually	30/04/2025
Operators, staff, public	Skin reactions to foam	2	3	6	Advise all persons wash foam from skin after party, we offer to hire a guest clean up shower/dry area or supply sprinkler shower to rinse off foam  Supply COSHH information, safety sheet- use non toxic professional foam powder – hypoallergenic & non toxic, advise in disclaimer that persons with a skin allergies or ongoing skin issues or pregnant seek medical advice prior to going in the foam, no persons under age 5 including disabled persons permitted unsupervised to use foam, irritant safety signs placed around venue and disclaimer. Highlight in safety poster under 5s skin is more sensitive – enter at own risk take precaution method in place. For corporate events each person must sign a dsclaimer.	30/04/2025
Operators, staff, public	Glass breakage and wounds	1	3	3	Strictly no glass cups to be used at the foam party event only plastic	30/04/2025

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People at risk	Hazard	Probability	Severity	Overall Risk	Actions	Date Complete
Operators	Lifting heavy equipment	1	3	3	Wheels on foam casing to enable easy movements, correct lifting manual handling techniques in place	30/04/2022
Operators	Burns from hot water when mixing warm	1	3	3	Take caution when using hot water supplies, make sure have correct adapters, gloves <u>ppe</u>	30/04/2025
Operators,staff	Foam is an irritant in concentrate form (undiluted)	2	3	6	Staff Latex gloves provided, safety mask to prevent inhalation whilst mixing solution, goggles provided, correct dosage training, paper towels on hand to mop up spillages.	30/04/2025
staff, public	Trampling under foam	1	5	5	Keep foam area reasonably lit when operating foam, ensure for larger venues there is crowd safety security to control crowd.	30/04/2025
Staff, public	Damage to clothing or possessions	2	1	2	Instructions and disclaimer around venue & or notified prior to event. Clients notified that coloured foam can cause staining	30/04/2025
Public	Gender reveal foam party - risk	2	3	6	Pregnant Clients must get checked by a doctor prior to going in the foam, skin contact with the foam not recommended clients advised this- clients advised to wear waterproof long trousers when taking photos in foam as to avoid skin contact. Emergency safety stop button on foam cannon. Disclaimer & safety sheet	30/04/2025

		Risk Matrix				
SEVERITY	Fatal	5	5	10	15	20
	Significant	4	4	8	12	16
	Moderate	3	3	6	9	12
	Low	2	2	4	6	8
	Negligible	1	1	2	3	4
		1	2	3	4	5
		Improbable	Rare	Occasional	Probable	Frequent
		LIKELIHOOD				
Catastrophic	STOP					
Unacceptable	URGENT ACTION					
Undesirable	ACTION					
Acceptable	MONITOR					
Desirable	NO ACTION					

Hierarchy of Control	
This is a tool which you should use when deciding how to control a hazard to reduce the risk. There are many ways to reduce risk, however some are more effective than others so always follow the below order when reducing risk:	
1 Elimination	Elimination and substitution are the most effective methods of controlling risks. For example, if you are considering working at height, eliminate the risk by working at ground level – for example window cleaners use extendable poles instead of ladders.
2 Substitution	Substituting a risk for a less hazardous alternative is also very effective. For example, using water based paint instead of solvent paint, or brush painting instead of spray painting.
3 Engineering Controls	Once the above has been considered and adopted where possible, any residual risks should be controlled with engineering controls such as guarding, extraction ventilation, interlocks, hand railing etc.
4 Administrative Controls	Although this step is always required, it is less effective at controlling risk than the previous steps. These will include, training, information, instructions, procedures, supervision, inspections, audits, checks etc.
5 PPE	PPE is ALWAYS the last step. If you solely rely on PPE an injury will be likely. If you do need PPE ensure it is adequate, CE marked, fits the user, not shared with others, does not interfere with other items of PPE, is comfortable to wear and is stored safely when not in use.

EFFECTIVENESS  
MOST  
LEAST