



Gloucestershire Warwickshire Steam Railway Plc
Risk Assessment for Use of Paints, Varnishes, Oils, Solvents, Adhesives, and Fillers - Carriage and Wagon

Risk Assessment - Use of Paints, Varnishes, Oils, Solvents, Adhesives, and Fillers

Reference No: CAR-44270-97

Version No: 3

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Department: Carriage and Wagon

Date Of Assessment: 15 March 2021

Review Due Before: 04 November 2026

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The handling of flammable and hazardous materials

Type	Hazard Cause	Persons Affected	Control Measures	L Overall	S T	Additional Control Measures	L Overall	S T	Owner/Action
Health and Safety	Damage to Skin or Eyes Spillage of Material onto Exposed Parts of Body	Volunteers & Staff	1) CRITICAL - Administrative: Extra Care is taken when handling Paint Remover Because of its Corrosive Nature - Effective 2) CRITICAL - Administrative: Etch Primers and Rust Preventative Paints are Also treated with care. - Effective 3) CRITICAL - Administrative: All control measures identified in the COSHH assessments to be followed - Effective 4) CRITICAL - PPE: Hand and Eye Protection is Always Worn when there is a significant risk of spillage - Effective	2 x Low - Risk to be monitored to ensure it remains adequately controlled to an acceptable level.	2 = 4	None	2 x Low - Risk to be monitored to ensure it remains adequately controlled to an acceptable level.	2 = 4	n/a
Score and Control Measure Notes. Low risk due to nature of injury. No further control measures identified.									
Health and Safety	Long term health risk Excessive Contact with or Inhalation of a Hazardous Chemical	Volunteers & Staff	1) CRITICAL - Administrative: The amount of time per day spent handling paints and varnishes is kept very low - Effective 2) CRITICAL - Administrative: All control measures identified in the COSHH assessments to be followed - Effective 3) CRITICAL - PPE: PPE is worn as appropriate - Effective	1 x Low - Risk to be monitored to ensure it remains adequately controlled to an acceptable level.	4 = 4	None	1 x Low - Risk to be monitored to ensure it remains adequately controlled to an acceptable level.	4 = 4	
Score and Control Measure Notes. Risk is low due to limited exposure. No further control measures identified.									
Health and Safety	A Fire Caused by Ignition of Vapour Improper Storage or Disposal of Empty Paint Tins, Contaminated Rags or Soiled PPE Materials	Volunteers & Staff	1) CRITICAL - Administrative: Metal Rubbish Bins are Used and Are Emptied Regularly - Effective 2) CRITICAL - Administrative: Empty paint tins etc are transferred to the skip outside immediately after they become empty - Effective 3) CRITICAL - Administrative: All spills to be cleaned up immediately - Effective 4) CRITICAL - Administrative: Fire fighting equipment is in place - Effective 5) CRITICAL - Administrative: All flammable materials to be stored in COSHH cabinets - Effective	2 x Medium - Risk to be minimised and controlled so far as is reasonably practical.	4 = 8	1) Engineering: Consider installation of fume extraction systems. - Effective	2 x Medium - Risk to be minimised and controlled so far as is reasonably practical.	4 = 8	n/a
Score and Control Measure Notes. Medium risk due to potential impact. No further control measures identified.									



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Type	Hazard Cause	Persons Affected	Control Measures	L Overall	S	T	Additional Control Measures	L Overall	S	T	Owner/Action
Health and Safety	Ignition of flammable liquids Paint equipment not stored or used correctly	Volunteers & Staff	1) CRITICAL - Engineering: Fire fighting equipment is in place - Effective 2) CRITICAL - Administrative: All Paints and Solvents are Stored in Special Fit for Purpose COSHH Cupboards located well away from the Emergency Exits - Effective 3) CRITICAL - Administrative: The Paint Tins are Stored Separately from the Gunwash Drums and Thinners Tins - Effective 4) CRITICAL - Administrative: All Potential Ignition Sources are Checked Assiduously in the hours before work ceases in the late afternoon - Effective 5) CRITICAL - Administrative: All Hot Work involving naked flames, sparks or hot surfaces to be kept well away from any potential ignition sources - Effective 6) CRITICAL - Administrative: An evacuation plan is in place - Effective	2 x	4 =	8	None	2 x	4 =	8	n/a
				Medium - Risk to be minimised and controlled so far as is reasonably practical.				Medium - Risk to be minimised and controlled so far as is reasonably practical.			

Score and Control Measure Notes.

Risk is medium due to potential impact.
No further control measures identified.

The General Handling of Adhesives and Fillers

Type	Hazard Cause	Persons Affected	Control Measures	L Overall	S	T	Additional Control Measures	L Overall	S	T	Owner/Action
Health and Safety	Damage to Skin from Contact Contact with material when mixing hardener or when applying to vehicle etc.	Volunteers & Staff	1) CRITICAL - Administrative: All control measures identified in the COSHH assessments to be followed - Effective 2) CRITICAL - PPE: PPE to be worn where appropriate - Effective 3) PPE: Wear barrier cream - Effective	2 x	2 =	4	None	2 x	2 =	4	n/a
				Low - Risk to be monitored to ensure it remains adequately controlled to an acceptable level.				Low - Risk to be monitored to ensure it remains adequately controlled to an acceptable level.			

Score and Control Measure Notes.

Score is low.
No further control measures identified.

COSHH Assessments

There are no COSHH assessments associated with this risk assessment.

Ends