



**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

Assessment Approver: Kevin 'Kev' Jarvis

Department: Carriage and Wagon

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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
<b>Score and Control Measure Notes.</b> 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	
<b>Score and Control Measure Notes.</b> 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
<b>Score and Control Measure Notes.</b> 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