



**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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 Review Due Before: 04 November 2026  
 Lead Assessor: A. Killey  
 Team: D. Clark

**The handling of flammable and hazardous materials**

Type	Hazard Cause	Persons Affected	Control Measures	L S T Overall	Additional Control Measures	L S T Overall	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 2 = 4 Low - Risk to be monitored to ensure it remains adequately controlled to an acceptable level.	None	2 x 2 = 4 Low - Risk to be monitored to ensure it remains adequately controlled to an acceptable level.	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 4 = 4 Low - Risk to be monitored to ensure it remains adequately controlled to an acceptable level.	None	1 x 4 = 4 Low - Risk to be monitored to ensure it remains adequately controlled to an acceptable level.	
<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 4 = 8 Medium - Risk to be minimised and controlled so far as is reasonably practical.	1) Engineering: Consider installation of fume extraction systems. - Effective	2 x 4 = 8 Medium - Risk to be minimised and controlled so far as is reasonably practical.	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 S T Overall	Additional Control Measures	L S T Overall	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 Medium - Risk to be minimised and controlled so far as is reasonably practical.	None	2 x 4 = 8 Medium - Risk to be minimised and controlled so far as is reasonably practical.	n/a

**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 S T Overall	Additional Control Measures	L S T Overall	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 Low - Risk to be monitored to ensure it remains adequately controlled to an acceptable level.	None	2 x 2 = 4 Low - Risk to be monitored to ensure it remains adequately controlled to an acceptable level.	n/a

**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