Gloucestershire Warwickshire Steam Railway Plc

Spikefast ES50 Resin

COSHH Assessment Details

Assessment Id:	COSHH-46051-69	**Lead Assessor:**	Kevin Jarvis
Version No:	1	**Published Date:**	29 January 2026
Status:	Active	**Review Date:**	29 January 2029
Assessment Date:	29 January 2026	**Approved By:**	Kevin Jarvis

Substance Details

Substance Name:	Spikefast ES50 Resin	**Substance Use:**	Resin for a two component polyurethane to enable repair to timber components such as railway sleepers
Manufacturer	DWG Infraco Ltd	**Emergency Tel No:**	01235 239670
Address:	Unit 1 Royal Way Loughbrough Leics LE11 5XR		
Form Of Substance:	Liquid,	**Routes of Exposure**	Inhalation, Skin, Ingestion, Eyes,
Storage and Handling	Store in manufacturers packaging in a secure cupboard.		

Exposure Limits

WEL: 6,g/m3 **LEL:** Unknown **SEL:** Unknown

Substance Classifications



Dangerous to the enviroment

Health Phrases

H332 - Harmful if inhaled.
H315 - Causes skin irritation.
H319 - Causes serious eye irritation.
H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H317 - May cause an allergic skin reaction.
H351 - Suspected of causing cancer
H335 - May cause respiratory irritation.
H373 - May cause damage to organs <or state all organs affected, if known> through prolonged or repeated exposure.

Precautionary Phrases

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
P262 - Do not get in eyes, on skin, or on clothing.
P360 - Rinse immediately contaminated clothing and skin with plenty of water before removing clothes.
P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER/doctor/999
P501 - Dispose of contents/container via an approved disposal route

Required Personal Protection Equipment (PPE)



Control Measures

Current:
• Administrative - Follow manufacturers instructions - Effective
Potential:
• PPE - Consider wearing RPE if work area not well ventilated. - Effective
Score Notes:

Assessment Score

Liklihood of Harm:
1) Very low probability – unlikely/once every 20 years

Severity of Harm:
3) Injury - > 7 days lost time + RIDDOR reportable

Overall:
Low - Risk to be monitored to ensure it remains adequately controlled to an acceptable level.

Reference Documents

ES50 Safety Data Sheet - SDS
ES50 COSHH Manufacturors Assessment - COSHH