Gloucestershire Warwickshire Steam Railway Plc

Grade G Tinning Solder

COSHH Assessment Details

Assessment Id:	COSHH-45006-54	**Lead Assessor:**	Kevin Jarvis
Version No:	2	**Published Date:**	10 May 2026
Status:	Active	**Review Date:**	10 May 2029
Assessment Date:	10 May 2026	**Approved By:**	Kevin Jarvis

Substance Details

Substance Name:	Grade G Tinning Solder	**Substance Use:**	Solder used in Steam Dept Machine Shop for filling fusible plugs.
Manufacturer	AIM Solder UK LTD	**Emergency Tel No:**	0800-181-29-24
Address:	Unit 2/3 Sedgewick Road North Luton Industrial Estate Luton LU4 9DT		
Form Of Substance:	Solid, Liquid, Fume,	**Routes of Exposure**	Inhalation, Skin, Ingestion, Eyes,
Storage and Handling	Store in a locked cupboard.		

Exposure Limits

WEL: 0.15 mg/M3 **LEL:** Unknown **SEL:** Unknown

Substance Classifications



Serious long term health hazard

Health Phrases

H360 - May damage fertility or the unborn child
H362 - May cause harm to breast-fed children.
H373 - May cause damage to organs <or state all organs affected, if known> through prolonged or repeated exposure.

Precautionary Phrases

No Precautionary Phrases Applicable

Required Personal Protection Equipment (PPE)

No PPE Required

Control Measures

Current:
• Administrative - Follow manufacturers instructions. - Effective
Potential:
• Engineering - Consider using fume extraction if ventilation is inadequate. - Effective
Score Notes:

Assessment Score

Liklihood of Harm:	Severity of Harm:	Overall:
1) Very low probability – unlikely/once every 20 years	2) Injury – up to 7 days lost time days lost time	Low - Risk to be monitored to ensure it remains adequately controlled to an acceptable level.

Reference Documents

Tinning Solder Grade G - MSDS -