



Gloucestershire Warwickshire Steam Railway Plc

Grade G Tinning Solder

COSHH Assessment Details

Assessment Id:	COSHH-45006-54	Lead Assessor:	Kevin Jarvis
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Assessment Date:	21 March 2023	Approved By:	Kevin 'Kev' 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



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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: Risk is low due to infrequent use, well ventilated areas and experienced staff.

Assessment Score

Liklihood of Harm:

1) Very low probability – unlikely/once every 20 years

Severity of Harm:

2) Injury – up to 7 days lost time
days lost time

Overall:

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

Reference Documents

Tinning Solder Grade G - MSDS -