



## Gloucestershire Warwickshire Steam Railway Plc Grade G Tinning Solder

### COSHH Assessment Details

<b>Assessment Id:</b>	COSHH-45006-54	<b>Lead Assessor:</b>	Kevin Jarvis
<b>Version No:</b>	1	<b>Published Date:</b>	21 March 2023
<b>Status:</b>	Active	<b>Review Date:</b>	21 March 2026
<b>Assessment Date:</b>	21 March 2023	<b>Approved By:</b>	Kevin 'Kev' Jarvis

### Substance Details

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

#### Likelihood of Harm:

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

#### Severity of Harm:

- 2) Injury – up to 7 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 -