



# SOLDER CONNECTION

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## Fryolux T1333 Leaded Solder Paint

Revision 2  
Revision date: 08/02/17

### Section 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product Identifier

Product Name	Fryolux T1333 Leaded Solder Paint
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#### 1.3. Details of the Supplier of the safety data sheet

Company	The Solder Connection
Address	Unit 5 Severn Link Distribution Centre Chepstow Monmouthshire NP16 6UN
Website	<a href="http://www.solderconnection.co.uk">www.solderconnection.co.uk</a>
Telephone	+44 (0) 1291 624400
Email	<a href="mailto:sales@solderconnection.co.uk">sales@solderconnection.co.uk</a>

#### 1.4 Emergency Telephone Number

Emergency Telephone Number	+44 (0) 1291 624400 9.00am-5.00pm Monday - Friday
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### Section 2: Hazards Identification

#### 2.1. Classification of the substance or mixture

2.1.1. Classification – 1999/45/EC	C; R34 Xn; R20/22 N; R51/53 Symbols: C: Corrosive. N: Dangerous for the environment.
Main Hazards	Harmful by inhalation and if swallowed. Causes burns. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
2.1.2. Classification – EC 1272/2008	Acute Tox. 4: H302; Skin Corr. 1B: H314; Acute Tox. 4: H332; STOT SE 3: H335; Aquatic Chronic 2: H411;

#### 2.2. Label Elements

Hazard Pictograms	
Signal Word	Danger
Hazard Statement	Acute Tox. 4: H302 – Harmful if swallowed. Skin Corr. 1B: H314 – Causes severe skin burns and eye damage. Acute Tox. 4: H332 – Harmful if inhaled. STOT SE 3: H335 – May cause respiratory irritation. Aquatic Chronic 2: H411 – Toxic to aquatic life with long lasting effects.

# Fryolux T1333 Leaded Solder Paint

Revision 2

Revision date: 08/02/17

## 2.2 Label elements

Precautionary Statement: Prevention	P260 – Do not breathe dust/fume/gas/mist/vapours/spray. P261 – Avoid breathing dust/fume/gas/mist/vapours/spray. P264 – Wash thoroughly after handling. P270 – Do not eat, drink or smoke when using this product. P271 – Use only outdoors or in a well-ventilated area. P273 – Avoid release to the environment. P280 – Wear protective gloves/protective clothing/eye protection/ face protection.
Precautionary Statement: Response	P301+P312 – IF SWALLOWED: Call a POISON CENTER/doctor/ /if you feel unwell. P301+P330+P331 – IF SWALLOWED: rinse mouth. Do NOT induce vomiting. P303+P361+P353 – IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P304+P340 – IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. P310 – Immediately call a POISON CENTER/doctor/. P312 – Call a POISON CENTER/doctor/ /if you feel unwell. P321 – Specific treatment (see on this label). P330 – Rinse mouth. P363 – Wash contaminated clothing before reuse. P391 – Collect spillage.
Precautionary Statement: Storage	P403+P233 - Store in a well-ventilated place. Keep container tightly closed. P405 - Store locked up.
Precautionary Statement: Disposal	P501 – Dispose of contents/container to

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

67/548/EEC/1999/45/EC

Chemical Name	Index No.	Cas No.	EC No.	Reach Registration Number	Conc (%w/w)	Classification	M-factor.
Tin		7440-31-5	231-141-8		20-30%		
Lead Ingot (Lead)		7439-92-1	231-100-4		40-60%	T; R23/25	
Zinc chloride (Zinc chloride, fume)	030-003-00-2	7646-85-7	231-592-0		10-20%	C; R34 Xn; R22 N; R50/53	

EC 1272/2008

Chemical Name	Index No.	Cas No.	EC No.	Reach Registration Number	Conc (%w/w)	Classification	M-factor.
Tin		7440-31-5	231-141-8		20-30%		
Lead Ingot (Lead)		7439-92-1	231-100-4		40-60%	Acute Tox. 3: H301; Acute Tox. 3: H331;	
Zinc chloride (Zinc chloride, fume)	030-003-00-2	7646-85-7	231-592-0		10-20%	Acute Tox. 4: H302; Skin Corr. 1B: H314; Aquatic Acute 1: H400; Aquatic Chronic 1: H410;	

# Fryolux T1333 Leaded Solder Paint

Revision 2  
Revision date: 08/02/17

## Section 4: First aid measures

### 4.1. Description of first aid measures

Inhalation	Inhalation of vapour may cause shortness of breath. Move the exposed person to fresh air. Seek medical attention.
Eye Contact	Causes burns. Causes severe inflammation and may damage the cornea. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention.
Skin Contact	Causes burns. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist. Wash off immediately with plenty of soap and water.
Ingestion	Ingestion causes burns to the respiratory tract. DO NOT INDUCE VOMITING. Toxic if swallowed. If swallowed, seek medical advice immediately and show this container or label.

## Section 5: Firefighting measures

### 5.1. Extinguishing media

	Use extinguishing media appropriate to the surrounding fire conditions.
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### 5.2. Special hazards arising from the substance or mixture

	Burning produces irritating, toxic and obnoxious fumes.
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### 5.3. Advice for firefighters

	Wear: Self-contained breathing apparatus.
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## Section 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

	Ensure adequate ventilation of the working area.
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### 6.2. Environmental precautions

	Do not allow product to enter drains. Do not let product contaminate subsoil.
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### 6.3. Methods and material for containment and cleaning up

	Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal.
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## Section 7: Handling and storage

### 7.1. Precautions for safe handling

	Avoid contact with eyes and skin. Ensure adequate ventilation of the working area.
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### 7.2. Conditions for safe storage, including any incompatibilities

	Keep containers tightly closed. Store in correctly labelled containers.
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## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

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# Fryolux T1333 Lead Solder Paint

Revision 2  
Revision date: 08/02/17

## 8.1.1. Exposure Limit Values

Lead Ingot (Lead)	DIR: 82/605 8hTWA mg/m3: 0.15 STEL mg/m3: -	8hTWA ppm: - STEL ppm : - NOT: -
Tin	WEL 8-hr limit ppm: - WEL 15 min limit ppm: - WEL 8-hr limit mg/m3 total – Inhalable dust: WEL 8-hr limit mg/m3 total – Respirable dust:	WEL 8-hr limit mg/m3: 0.1 WEL 15 min limit mg/m3: 0.2 WEL 15 min limit mg/m3 total – Inhalable dust: WEL 15 min limit mg/m3 total – respirable dust:
Zinc chloride (Zinc chloride, fume)	WEL 8-hr limit ppm: - WEL 15 min limit ppm: - WEL 8-hr limit mg/m3 total – Inhalable dust: WEL 8-hr limit mg/m3 total – Respirable dust:	WEL 8-hr limit mg/m3: 1 WEL 15 min limit mg/m3: 2 WEL 15 min limit mg/m3 total – Inhalable dust: WEL 15 min limit mg/m3 total – respirable dust:

## 8.2. Exposure controls

8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working area.
8.2.2. Individual protection measures	Wear protective clothing. Wash all contaminated clothing before reuse.
Eye/face protection	Approved contact with eyes. Wear:. Approved safety goggles.
Skin protection – Hand protection	Wear:. Chemical resistant gloves (PVC).

## Section 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Appearance	Paste
Colour	Grey
Odour	Mild

## Section 10: Stability and reactivity

### 10.2. Chemical Stability

	Stable under normal conditions.
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## Section 11: Toxicological information

### 11.1. Information on toxicological effects

Skin corrosion/irritation	Corrosive. Causes burns.
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### 11.1.4. Toxicological Information

	Toxic by inhalation and if swallowed.
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# Fryolux T1333 Lead Solder Paint

Revision 1

Revision Date: 26/11/15

## Section 12: Ecological information

### 12.1. Toxicity

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

## Section 13: Disposal considerations

### General information

Dispose of in compliance with local and national regulations.

### Disposal methods

For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used.

### Disposal of packaging

Do NOT reuse empty containers. Empty containers can be sent for disposal or recycling.

## Section 14: Transport information

### Hazard Pictograms



### 14.1. UN number

UN2922

### 14.2. UN proper shipping name

CORROSIVE LIQUID, TOXIC, N.O.S. (Zinc Chloride and Lead)

### 14.3. Transport hazard class(es)

ADR/RID	8
Subsidiary Risk	6.1
IMDG	8
Subsidiary Risk	6.1
IATA	8
Subsidiary Risk	6.1

### 14.4. Packing group

Packing group III

### 14.5. Environmental hazards

Environmental hazards	Yes
Marine pollutant	Yes

### ADR/RID

Hazard ID	86
Tunnel Category	(E)

# Fryolux T1333 Leaded Solder Paint

Revision 2  
Revision date: 08/02/17

IMDG

EmS Code	F-A S-B
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IATA

Packaging Instruction (Cargo)	856
Maximum quantity	60L
Packing instruction (passenger)	852
Maximum quantity	5L

## Section 15: Regulatory information

## Section 16: Other information

Other information

Revision	<p>This document differs from the previous version in the following areas:.</p> <p>2 – 2.1.2. Classification – EC 1272/2008.</p> <p>2 – Hazard pictograms.</p> <p>2 – Signal Word.</p> <p>2 – Precautionary Statement: Prevention.</p> <p>2 – Precautionary Statement: Response.</p> <p>2 – Precautionary Statement: Storage.</p> <p>2 – Precautionary Statement: Disposal.</p> <p>12 – 12.1. Toxicity</p>
Text of risk phases in section 3	<p>R22 – Harmful if swallowed.</p> <p>R23/25 – Toxic by inhalation and if swallowed.</p> <p>R34 – Causes burns.</p> <p>R50/53 – Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.</p>
Text of Hazard statements in section 3	<p>Acute Tox. 3: H301 + H331 – Toxic if swallowed or if inhaled</p> <p>Acute Tox. 4: H302 – Harmful if swallowed.</p> <p>Skin Corr. 1B: H314 – Causes severe skin burns and eye damage.</p> <p>Aquatic Chronic 1: H410 – Very toxic to aquatic life with long lasting effects.</p>

Further information

	<p>The information in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.</p>
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