

COSHH Assessment for lead free solder

Substance / material

Fernox Lead Free Solder

Suppliers address and phone number

Cookson Electronics, Forsyth Road, Sheerwater, Woking, Surrey, England. GU21 5RZ. +44(0)1483 758400

Contents / ingredients of product

Tin 80-100%, Copper 0.5-1%

Is there a work exposure limit

Yes No

Duration

8 Hrs

Where the product's used

Outside

Inside well ventilated

Inside poorly ventilated

Confined space

How the products used

Mixing

Pouring

Spraying

Brushing

Applying by hand / hand tools

Loading out

Product hazard levels

High

Medium

Low

Product state

Solid

Liquid

Gas

Flammable



Oxidising



Gas under pressure



Explosive



Very toxic



Corrosive



Serious health hazard



Health hazard/irritant



Danger to environment



PPE

Gloves



Glasses



Goggles



Face shield



Footwear



PPE Clothes



Dust mask



FFP2 mask



FFP3 mask



Respirator



Noise



Outside

Inside well ventilated








Inside poorly ventilated	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Confined space	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Is the substance hazardous to health when:

Breathed in Swallowed In contact with skin In contact with eyes Other. Please specify

Health risks: Eye tissue could be damaged by metal and large quantities may be poisonous.
Skin contact: No hazard.
Eye contact: Eye tissue could be damaged by metal.
Ingestion: Large quantities may be poisonous.
Inhalation: Large quantities may be poisonous.

First aid and emergency measures:

						
Emergency services	First aider	First aid box	Shower	Eye wash	Wash affected area	Boot wash
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

First aid details:
After significant accidental inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Contact poison treatment specialist immediately if large quantities have been inhaled.
After contact with eyes: Contact a specialist of occupational medicine or an eye specialist if eye damage occurs through the metal touching the surface of the eye..
After skin contact: Wash the affected skin with soap and water.
After significant accidental ingestion: Contact poison treatment specialist immediately if large quantities have been ingested.

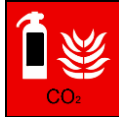
Spillage and environmental:

Mobility: Store in cool, well-ventilated area. Keep container tightly closed.

Accidental release: Pick up any released product and place back in container for reuse.



Water



Carbon Dioxide



Dry powder



Foam



Fire blanket



Raise alarm

Fire details:

Product is non-flammable and compatible with water, foam, carbon dioxide and dry powder extinguishers. Suitable extinguishing media for the surrounding fire should be used.

Document author:

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Signed:

Alison Meredith

Date:

24.02.22