



1. IDENTIFICATION OF SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME: Copper Sheet
USE: For roofing applications in the construction industry.
SUPPLIER Premium Roofing Products Ltd.
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 Middlesex, EN3 7ZW
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2. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT	EC N°	CAS N°	CONTENTS	SYMBOL LETTERS	R PHRASE N°
Copper		7440-50-8	0.08-1.0%	NC	NC

3. HAZARDS IDENTIFICATION

MAIN HAZARDS: The alloy in solid, metallic form is unlikely to be hazardous.
OTHER HAZARDS: During welding or brazing, copper oxide fumes may be given off causing irritation to the upper respiratory tract and eventually may lead to metal fume fever.

4 FIRST AID MEASURES

NOTE: Inhalation, skin contact and eye contact measures will not be relevant to the product in its solid, metallic form. They could however apply to fumes derived from welding or brazing.

INHALATION: Move exposed person to fresh air at once. Get medical attention if discomfort persists..
INGESTION: Do not induce vomiting. If person is conscious, rinse mouth thoroughly and encourage the drinking of large quantity of water. Get medical attention immediately.
SKIN CONTACT: Remove all contaminated clothing and footwear immediately, unless it is stuck to the skin. Wash the affected skin immediately with soap and water. Get medical attention if irritation persists.
EYE CONTACT: Make sure that any contact lenses are removed from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eyelids. Get medical attention.

5. FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: The product is not flammable.
EXPOSURE HAZARDS: In a fire, hazardous fumes may be produced.
PROTECTION OF FIRE-FIGHTERS Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: No special measures necessary with solid metal.
ENVIRONMENTAL PRECAUTION: No special measures required.
CLEAN-UP PROCEDURES: No special measures required.

7. HANDLING AND STORAGE

HANDLING PRECAUTIONS: Avoid inhalation of fumes that may be emitted during melting.
STORAGE PRECAUTIONS: Store in a cool, dry place. Keep out of reach of children.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMIT VALUES:	INGREDIENT	CAS N°	LTEL (8 hrs TWA)	STEL (15 min)
	Copper	7440-50-8	-	-

VENTILATION: Provide adequate general and local exhaust ventilation if working with liquid metal.
RESPIRATORY PROTECTION: Wear dust mask if work conditions require. A dust mask is recommended if working in confined conditions with sheet coated with a TECU® patina.
HAND PROTECTION: Wear protective gloves if work conditions require.
EYE PROTECTION: Use approved safety goggles if work conditions require.
SKIN PROTECTION: Wear appropriate clothing in cases of repeated or prolonged exposure to molten metal. Follow standard hygiene procedures.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Unpatinated - reddish metal TECU® patina – green surface	ODOUR:	None
MELTING POINT:	1083°C	BOILING POINT:	2595°C
RELATIVE DENSITY:	8.93 @ 20°C	SOLUBILITY (in water):	Almost insoluble.

10 STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions. Stable at room temperature.
CONDITIONS TO AVOID: No special measures necessary.
MATERIALS TO AVOID: No special measures necessary.
HAZARDOUS DECOMPOSITION PRODUCTS: Hazardous fumes can be produced when metal is welded or brazed.

11. TOXICOLOGICAL INFORMATION

NOTE: Inhalation, skin contact and eye contact with the solid, metallic product should be of insignificant toxicological impact and the hazards below will only refer to fumes derived from melting the metal.
INHALATION: Inhalation of copper oxide fumes over prolonged periods may cause 'metal fume fever'.
INGESTION: Not classified under EC regulations
SKIN CONTACT: Not classified under EC regulations
EYE CONTACT: Not classified under EC regulations

12. ECOLOGICAL INFORMATION

MOBILITY: The product in solid, metallic form is not considered mobile.
PERSISTENCE AND DEGRADABILITY: Not biodegradable.
BIOACCUMULATIVE POTENTIAL: Compounds have bioaccumulation potential.
OTHER ADVERSE EFFECTS: None.

13. DISPOSAL CONSIDERATIONS

WASTE FROM RESIDUES: Recover, reclaim or recycle if practicable. Dispose of in accordance with local authority requirements.
CONTAMINATED PACKAGING: Not applicable.

14. TRANSPORT INFORMATION:

Not classified as hazardous to transport.

15. REGULATORY INFORMATION

LABEL FOR SUPPLY: Not classified under EC regulations in solid, metallic form. No label required.

RISK PHRASES: Not classified under EC regulations in solid, metallic form.

SAFETY PHRASES: Not classified under EC regulations in solid, metallic form.

STATUTORY INSTRUMENT: Chemicals (Hazards Information and Packaging) Regulations 2002; SI 2002/1689.
Control of Substances Hazardous to Health 1999; SI 1000/437.

APPROVED CODES OF PRACTICE: Classification and Labelling of Substances and Preparations Dangerous for Supply.
The Compilation of Safety Data Sheets (3rd Edition).

GUIDANCE: Occupational Exposure Limits EH40.
COSHH Essentials: Easy steps to control chemicals. Control of Substances Hazardous to Health Regulations; HSG193.
CHIP for Everyone HSG108.

16. OTHER INFORMATION

TEXT OF RISK PHRASES USED IN SECTION 2: Not classified under EC regulations in solid, metallic form.

The contents of this Safety Data Sheet are not warranted to be accurate or complete and the Company can accept no liability to any customer, their employees or any other person whatsoever for any loss, injury or damage, whether direct or consequential, which may be caused by any error or omission from this sheet, whether such error or omission is negligent or otherwise.
