



Safety Data Sheet

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY UNDERTAKING

Name Copper Foil —LP410

Synonyms None.

Chemical Formula None.

Supplier Co-Tech Development Corporation
No.56 Koukong 8 Road Toulieu Yun Lin Taiwan

Emergency Telephone Number 886-5-5515480

Emergency Fax Number 886-5-5515478

2. HAZARDS IDENTIFICATION

Physical/Chemical hazards : None.

Environmental hazards : None.

Human health hazards : None.

3. COMPOSITION/INFORMATION ON INGREDIENTS

| <u>Chemical Name</u> | <u>CAS-No</u> | <u>% Content</u> |
|--------------------------|---------------|------------------|
| Copper(Cu) | 7440-50-8 | 99.967146% |
| Zinc(Zn) | 7440-66-6 | 82.6ppm |
| Nickel(Ni) | 7440-02-0 | 144ppm |
| Sodium hypophosphite (P) | 7681-53-0 | 27.9ppm |
| Chromium(Cr) | 7440-47-3 | 25.2ppm |
| Cobalt(Co) | 7440-48-4 | 31.6ppm |
| Calcium (Ca) | 7440-70-2 | 6.24 ppm |
| Silver(Ag) | 7440-22-4 | 11ppm |

4. FIRST AID MEASURES

Effects and symptoms

Ingestion None

Inhalation

Skin contact

Eye contact

First aid measures

Ingestion None

Inhalation

Skin contact
Eye contact
Notes to physician

5. FIRE-FIGHTING MEASURES

Flammability
Suitable extinguishing media
Suitable
Not suitable
Hazardous decomposition
products
Special protective equipment
for firefighters

6. ACCIDENTAL RELEASE MEASURES

Personal precautions : None.
Environmental precautions : None.
Methods for cleaning up : None.

7. HANDLING AND STORAGE

Storage / Handling Keep under 25°C , 60%RH

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

National Occupational
Exposure limits
Chemical Name
OEL (United Kingdom)
Recommended monitoring
procedures
Personal protection
Equipment
Respiratory protection
Skin and body protection
Hand protection
Eye protection

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|------------------|--------|
| Form | Solid |
| Colour | Golden |
| Odour | |
| Purity | 99.9% |
| Molecular weight | |

| | |
|---------------------------------------|--------|
| Boiling Point / range | 2580°C |
| Melting point / range | |
| Freezing point | 1085°C |
| Decomposition temperature | |
| Bulk Density | |
| Specific gravity (H ₂ O=1) | |
| pH | |
| Solubility | |

10. STABILITY AND REACTIVITY

| | |
|----------------------------------|--------|
| Stability | Stable |
| Conditions to avoid | None |
| Materials to avoid | None |
| Hazardous decomposition products | None |

11. TOXICOLOGICAL INFORMATION

| | |
|-----------------------|------|
| Chemical Name | None |
| <u>Acute toxicity</u> | |
| Oral | None |
| Inhalation | |
| Chronic toxicity | |
| Skin irritation | |
| Eye irritation | |
| Carcinogenicity | |
| Mutagenicity | |

12. ECOLOGICAL INFORMATION

| | |
|-------------------------------|------|
| Persistence and degradability | None |
| Ecotoxicity effects | None |
| Bioaccumulation | None |
| The soil mobility | None |
| Other adverse effects | None |

13. DISPOSAL CONSIDERATIONS

| | |
|---------------------|-------------------|
| Methods of disposal | Scrap foil Re-use |
| Other information | |

14. TRANSPORT INFORMATION

| | |
|------------------|--|
| UN-No | |
| IMDG/ADR Class | |
| IATA Class | |
| UN Packing group | |

15. REGULATORY INFORMATION

EC Regulations

EC Classification

(67/548/EEC-88/379/EEC-92/32/EEC)

Label name

R-phrases(s)

S-phrases(s)

Symbols

16. OTHER INFORMATION

History

Date of issue 11 / 1 / 2018

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SDS prepared by rad

SDS revised by

Eric Chen

Previous Revision

Date Previous SDS

*Denotes changes from last revision

