



Safety Data Sheet

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

Name Copper Foil —LP310

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	99.965098%
Zinc(Zn)	7440-66-6	162ppm
Nickel(Ni)	7440-02-0	75.4ppm
Sodium hypophosphite (P)	7681-53-0	31.5ppm
Chromium(Cr)	7440-47-3	23.6ppm
Cobalt(Co)	7440-48-4	27.4ppm
Silicon (Si)	7440-21-3	9.81ppm
Silver(Ag)	7440-22-4	11.7ppm
Calcium (Ca)	7440-70-2	7.61ppm

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

3 / 1 / 2019

Previous Revision

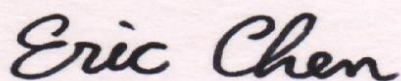
Revision Number

Date Previous SDS

SDS prepared by

rad

SDS revised by

A handwritten signature in black ink on a light pink rectangular background. The signature reads "Eric Chen" in a cursive script.

*Denotes changes from last revision