

Material Safety Data Sheet

SECTION1 PRODUCT AND COMPANY IDENTIFICATION

Product Name Copper Clad Steel
Company GENERAL CLAD Co.,Ltd
Address #9, Innovation Park, Jingtang RD, Guangde, Anhui Province, P.R.China
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Fax N/A
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Recommend Use Metallurgical Products, used for wire and cable conductors
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SECTION2 HAZARDS IDENTIFICATION

GHS Classification Hazardous to human health (Category 2 for carcinogenicity; Category 2 for skin sensitization)
Physical Hazards No significant physical hazards identified.
Health Hazards Skin sensitization (possible), Suspected carcinogenicity (by inhalation)
Environmental Hazards N/A
Label Elements /
Signal Word Warning
Hazard Statements H317: May cause an allergic skin reaction; H351: Suspected of causing cancer
Prevention Statements **Precautionary** Avoid contact with skin. Wear protective gloves and clothing. Use in a well-ventilated area.
Response Statements **Precautionary** If skin contact occurs: Wash with plenty of soap and water. If irritation persists, seek medical advice. If inhaled: Remove to fresh air and keep at rest.
Storage Precautionary Statements Store in a cool, dry place. Keep container tightly closed.
Disposal Statements **Precautionary** Dispose of in accordance with local/national regulations for metallic waste.
Other Hazards N/A

SECTION3 INFORMATION ON INGREDIENTS

No	Ingredient	CAS#	%
1	Copper	7440-50-8	30-40%
2	Iron	7439-89-6	51-61%
3	Nickel	7440-02-0	0-10%
4	Silver	7440-22-4	0-10%

SECTION4 FIRST AID MEASURES

Skin Exposure

May cause allergic skin reactions in sensitive individuals.

Eye Exposure

N/A

Inhalation Exposure

Inhalation of dust may be harmful; suspected of causing cancer.

Oral Exposure

N/A

Most Important Symptoms/Effects, Acute and Delayed

/

Indication of Immediate Medical Attention and Special Treatment Needed, if Necessary

Acute effects: Possible skin irritation. Delayed effects: Potential carcinogenicity (long-term exposure).

SECTION5 FIRE FIGHTING MEASURES

Suitable Extinguishing Media

Use dry chemical, CO₂, or water spray for fires involving metal dust.

Specific Hazards Arising from the Chemical

N/A

Special Protective Action for Fire_fighters

Firefighters should wear self-contained breathing apparatus and protective clothing.

SECTION6 ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

Use personal protective equipment. Avoid dust formation. Ensure adequate ventilation.

Specific Hazards Arising from the Chemical

N/A

Special Protective Action for Fire_fighters

N/A

SECTION7 ACCIDENTAL RELEASE MEASURES

Precautions for Safe Handling

Handle with care to prevent dust generation. Use appropriate engineering controls.

Conditions for Safe Storage, Including Any Incompatibilities

Store in a dry, well-ventilated area away from incompatible materials.

SECTION8 EXPOSURE CONTROL/PPE

Control Parameters

N/A

Appropriate Engineering Controls

Local exhaust ventilation recommended to control dust levels.

Individual Protection Measures

Eye/Face Protection

Safety goggles recommended if dust is generated.

Skin Protection

Protective gloves and clothing to prevent skin contact.

Respiratory Protection

N95 respirator for dust control in high-concentration areas.

Thermal Hazards

N/A

Other Protect

N/A

SECTION9 PHYSICAL/CHEMICAL PROPERTIES

Appearance	Metallic strands or wires with copper cladding.
Odor	Odorless
pH Value	N/A
Solubility	Insoluble in water
Melting Point/Freezing Point	N/A
Boiling Point	N/A
Flash Point (Closed Cup)	N/A
Density/Relative Density	N/A
Vapour Pressure	N/A
Flammability	Non-flammable solid
Self_heating test	N/A

SECTION10 STABILITY AND REACTIVITY

Reactivity	Stable under normal conditions.
Chemical Stability	Stable
Possibility of Hazardous Reactions	No known hazardous reactions
Conditions to Avoid	Avoid excessive heat and moisture.
Incompatible Materials	Strong acids, oxidizing agents

Hazardous
Products

Decomposition N/A

SECTION11 TOXICOLOGICAL INFORMATION

Acute Toxicity	N/A
Skin Corrosion/Irritation	May cause skin irritation or sensitization.
Serious Eye Damage/Irritation	N/A
Respiratory Sensitization	N/A
Skin Sensitization	Possible skin sensitization (due to nickel content).
Germ Cell Mutagenicity	N/A
Carcinogenicity	Suspected carcinogenicity (nickel component).
Reproductive Toxicity	N/A
Specific Target Organ Toxicity_Single Exposure	N/A
Specific Target Organ Toxicity_Repeated Exposure	N/A
Aspiration Hazard	N/A

SECTION12 ECOLOGICAL INFORMATION

Toxicity
N/A
Persistence and Degradability
N/A
Bioaccumulative Potential
N/A
Mobility in Soil
N/A
Other Adverse Effects
N/A

SECTION13 DISPOSAL CONSIDERATION

Disposal Methods

Dispose as non-hazardous metallic waste following local regulations.

SECTION14 TRANSPORT INFORMATION

RID/ADR	N/A
IATA DGR	N/A
IMO/IMDG	N/A
Comment	N/A

SECTION15 REGULATORY INFORMATION

Montreal Protocol	N/A
Stockholm Convention	N/A
Rotterdam Convention	N/A
EINECS/ELINCS	N/A
TSCA	N/A
IECSC	N/A

SECTION16 OTHER INFORMATION

Notice to reader

The information on this MSDS is based on data which is considered to be accurate. However, makes no guarantees or warranty, either expressed or implied of the accuracy or completeness of this information .

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