

## SAFETY DATA SHEET

# METALLICS

## COPPER

### 1. PRODUCT IDENTIFICATION

<b>TRADE NAME (AS LABELED):</b>	COPPER
<b>SUPPLIER/MANUFACTURER'S NAME:</b>	LEGGARI PRODUCTS, LLC
<b>ADDRESS:</b>	3105 E AINSWORTH AVE WAREHOUSE 5, BAY 2 PASCO, WA 99301
<b>INFORMATION TELEPHONE:</b>	619-369-2640
<b>EMERGENCY TELEPHONE:</b>	800-424-9300

### 2. HAZARD(S) IDENTIFICATION

#### CLASSIFICATION OF SUBSTANCE OR MIXTURE

According to Regulation (EC) No. 1272/2008(CLP)	Not Classified
According to Directive 67/548/EEC & Directive 1999/45/EC	Not Classified
Additional information	Not available

#### LABEL ELEMENTS

GHS label elements	Not applicable
Hazard pictogram(s)	Not applicable
Signal word(s)	Not applicable
Hazard statement(s)	Not applicable
Precautionary statement(s)	Not applicable
Other hazards	Not known

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Common Chemical Name	CAS No.	EINECS No.	Colour Index	Chemical Composition	Hazard Classification According to Directive 67/548/EEC & Directive 1999/45/EC, Regulation (EC) No. 1272/2008(CLP)
Fluorphlogopite	12001-26-2	234-426-5		60-66	Not classified
Iron oxide	1309-37-1	215-168-2	77491	34-40	Not classified

Chemical family : fluorphlogopite - iron oxide. Contains no hazardous ingredients

## 4. FIRST AID MEASURES

### FIRST AID MEASURES FOR DIFFERENT EXPOSURE ROUTES

**INHALATION:** Remove causality to fresh air and keep at rest

**SKIN CONTACT:** Wash affected skin with plenty of water

**EYE CONTACT:** If contact with eyes directly, flush with gently flowing fresh water thoroughly; If eye irritation persists, get medical advice/attention

**INGESTION:** If ingested, wash out mouth with water, drink milk or egg white

**Notes to Physician:** No special measures are required

### MOST IMPORTANT SYSTEMS AND EFFECTS

#### Both acute and delayed

Actue

Long term (repeated)

None

May cause irritation to the respiratory system. Cough. Increased difficulty in breathing

### INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

Recommended

- Chest XRay
- Lung functionality tests

## 5. FIRE-FIGHTING MEASURES

### EXTINGUISHING MEDIA

Suitable extinguishing media

Extinguish with waterspray, foam or dry chemical

Unsuitable extinguishing media

Carbon dioxide

### SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

Thermal hazards

Noncombustible. None anticipated

Advice for firefighters

Fire fighters should wear complete protective clothing including self-contained breathing apparatus

## 6. ACCIDENTAL RELEASE MEASURES

### PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Personal precautions

Do not breathe dust

Personal protection equipment

Wear appropriate personal protective equipment, avoid direct contact

In case of emergency

A self contained breathing apparatus and suitable protective clothing should be worn in fire conditions

Environmental precautions

Do not allow to enter drains, sewers or watercourses

Methods and material for Containment and cleaning up

Collect mechanically and dispose of according to Section 13. Use vacuum equipment for collecting spilt materials, where practicable

Reference to other sections

See sections 8 and 13

## 7. HANDLING AND STORAGE

Precautions for safe handling	Avoid breathing dust
Conditions for safe storage including any incompatibilities	Keep container in a well ventilated place
Specific end use(s)	Not known

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters	Provide adequate ventilation when using the material and follow the principles of good occupational hygiene to control personal exposures
Exposure limit values	Not known

### EXPOSURE CONTROLS

**APPROPRIATE ENGINEERING CONTROLS:** Provide adequate ventilation to ensure that the occupational exposure limit is not exceeded. Isolate the dispersive process step away from other operations. This can be achieved by local exhaust ventilation or general ventilation

### INDIVIDUAL PROTECTIONS MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT(PPE)

**HAND/EYE/FACE PROTECTION:** Wear gloves, eye protection and an approved dust mask if dust is generated during handling. Goggles giving complete protection to eyes. Dust mask covering nose and mouth.

**ENVIRONMENTAL EXPOSURE CONTROLS:** Avoid dust generation. Avoid accumulation of dust

**SKIN PROTECTION:** Apron or other light protective clothing, boots and plastic or synthetic rubber gloves

**RESPIRATORY PROTECTION:** Dust mask covering nose and mouth

**THERMAL HAZARDS:** None

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Form:</b>	Powder
<b>Color:</b>	Copper
<b>Odor:</b>	Odorless
<b>pH:</b>	6.0-9.0 (4% H <sub>2</sub> O)
<b>Boiling point, °C:</b>	Not applicable
<b>Melting point, °C:</b>	Decomposes
<b>Freezing point, °C:</b>	Not applicable
<b>Density:</b>	2.8-3.2 kg/L
<b>Bulk density:</b>	18-26g/100g
<b>Vapour pressure:</b>	Not applicable
<b>Solubility (in water):</b>	Insoluble
<b>Particle size:</b>	10-60µm

## 10. STABILITY AND REACTIVITY

<b>Reactivity</b>	There may be violent or incandescent reaction of the product with metals at high temperatures (e.g., aluminium; calcium; magnesium; potassium; sodium; zinc; lithium)
<b>Chemical stability</b>	Stable under normal conditions
<b>Possibility of hazardous reactions</b>	None

<b>Conditions to avoid:</b>	High temperature
<b>Incompatible materials:</b>	Strongly acidic, strongly alkaline, oxidizing agents
<b>Decomposition products:</b>	No information available

## 11. TOXICOLOGICAL INFORMATION

### INFORMATION ON TOXICOLOGICAL EFFECTS

This inorganic pigment in general is considered to be practically nontoxic.

#### ACUTE TOXICITY

Not available

#### CARCINOGENICITY

Not available

## 12. ECOLOGICAL INFORMATION

#### TOXICITY:

No data

#### PERSISTENCE AND DEGRADABILITY:

Insoluble in water. This product is predicted not to degrade in soil and water

#### BIOACCUMULATIVE POTENTIAL:

No data

#### MOBILITY IN SOIL:

Not applicable

**RESULTS OF PBT AND VPVB ASSESSMENT:** Not applicable

#### OTHER ADVERSE EFFECTS:

Not known

## 13. DISPOSAL CONSIDERATION

### WASTE TREATMENT METHODS

Dispose of contents in accordance with local, state or national legislation

## 14. TRANSPORT INFORMATION

Not classed as dangerous for transport.

International Transport Regulations	ADR/RID	ADN	IMDG	ICAO/IATA
UN number	Not applicable	Not applicable	Not applicable	Not applicable
Proper shipping name	Not applicable	Not applicable	Not applicable	Not applicable
Transport hazard class(es)	Not applicable	Not applicable	Not applicable	Not applicable
Packing group	Not applicable	Not applicable	Not applicable	Not applicable
Environmental hazards	None	None	None	None
Special precautions for user	None	None	None	None
Transport in bulk according to Annex II of MARPOL73/78 and The IBC Code	Not applicable	Not applicable	Not applicable	Not applicable
Hazard label(s)	Not applicable			
Additional information	Custom tariff No. 32061900			

## 15. REGULATORY INFORMATION

According to Directive 67/548/EEC & Directive 1999/45/EC Not classified as dangerous for supply/use

Safety, health and environmental regulations/legislations Not Available  
specific for the substance or mixture

## 16. OTHER INFORMATION

### Annex to the extended Safety Data Sheet (eSDS)

**ADR** : EUROPEAN AGREEMENT CONCERNING INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY ROAD

**CAS** : CHEMICAL ABSTRACTS SERVICE

**EC** : EUROPEAN COMMUNITY

**ICAO** : INTERNATIONAL CIVIL AVIATION ORGANIZATION

**IMDG** : INTERNATIONAL MARITIME DANGEROUS GOODS

**IATA** : INTERNATIONAL AIR TRANSPORT ASSOCIATION

### DATA SOURCES

NPIRI RAW MATERIAL HANDBOOK, VOLUME 4, PIGMENTS, SECOND EDITION, 2001

BOOK ON "SAFE HANDLING OF PIGMENTS", EUROPEAN EDITION 1995, BCMA, EPSOM ETAD, VDMI

HSDB

NIOSH ICSC

HAZARDOUS SUBSTANCE FACT SHEET, NEW JERSEY DEPARTMENT OF HEALTH AND SENIOR SERVICE

