

**Bead Brite Research**

**4811 Lyons Tech Pkwy**

**Coconut Creek, FL 33073**

**Tel: (954) 426-2360**

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## Material Safety Data Sheet

### 1. Product and Manufacturer Identification

Product name: Sierra Refined Copper (Product Number 63503)  
Product Type: Mica (and) Iron Oxides  
Product Description: Free flowing powder with Copper appearance

Office address: 4811 Lyons Tech Pkwy  
Suite 4  
Coconut Creek, FL 33073  
USA

Telephone (954) 426-2360  
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Email [Beadbrite@aol.com](mailto:Beadbrite@aol.com)

### 2. Product and Manufacturer Identification

Components	Approx. %	CI#	CAS#
Mica	55-60	77019	12001-26-2
Fe <sub>2</sub> O <sub>3</sub>	40-45	77491	1309-37-1

### 3. Hazardous identification

Hazard symbol : Not Applicable

Risk phrases : Not Applicable

Safety phrases : Not Applicable

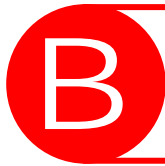
### 4. First aid measures

Eye: Flush eyes thoroughly with large amounts of water.  
If irritation occurs, consult physician.

Skin: Wash skin with soap and water.  
If irritation occurs, consult physician.

Inhalation: Move to fresh air.  
If breathing is difficult get medical attention.

Ingestion: No specific antidote is necessary.



If person is conscious, wash mouth with water.

### **5. Fire fighting measures**

Conditions of Flammability:	Product is not flammable
Extinguishing media:	Use extinguishing media appropriate to surrounding fire conditions
Special fire-fighting procedures:	Self-contained breathing apparatus (SCBA) and full protective equipment recommended
Unusual fire explosion hazards:	Not applicable

### **6. Accidental release measures**

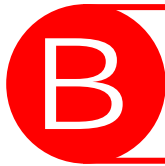
Steps to be taken if the material is spilled or released:	Shovel into containers and dispose.
Environmental precautions:	Prevent contamination of soil, drains and surface waters.
Waste disposal:	Inert materials such as sand may be added to control dusting. Industrial grade vacuum sweepers recommended. Place spilled material into appropriate waste containers.

### **7. Handling and storage**

Handling:	Avoid dust formation.
Storage:	Store in a moderate dry, well ventilated area. Store in original container, securely closed.

### **8. Exposure controls and personal protection**

Engineering control measures:	N/A
Exposure control limits:	None established
Respiratory protection:	Wear suitable particle filter mask when exposed to dust.
Hand protection:	Wear suitable gloves.
Eye protection:	Wear suitable goggles or face protection.
Skin protection:	N/A



## 9. Physical and Chemical properties

Appearance:	Free flowing powder with Copper appearance
Odour:	None
Boiling point:	
Oxidising properties:	N/A
Solubility in water:	N/A
Vapour pressure:	N/A
Flash point:	N/A
Explosive properties:	N/A
PH value:	7.0 – 11.0
Viscosity:	N/A

## 10. Stability and reactivity

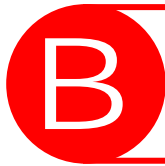
Stability:	Stable
Conditions to avoid:	None Known
Materials to avoid:	None Known
Hazardous decomposition products:	None Known

## 11. Toxicological information

Routes of entry:	Eyes, inhalation, ingestion
Short term exposure:	Persistent cough, difficulty in breathing
Long term exposure:	None Known
Chronic toxicity:	None Known
Carcinogenicity:	None Known
Mutagenicity:	None Known

## 12. Ecological information

This product has not been evaluated for its ecotoxicity. However, the biodegradation of this product under aerobic conditions is expected to be very poor and there is no evidence to suggest they create ecological problems when released into the environment. Since this product is insoluble, it is believed to have minimal bioaccumulation and bioavailability characteristics.



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### **13. Disposal considerations**

Bury in landfill site approved for disposal of chemical and hazardous wastes. Observe all federal, state and local environmental regulations.

### **14. Transportation**

RID/ADR:	Not Regulated
IMDG-code:	Not Regulated
IATA:	Not Regulated
UN number:	None

### **15. Regulatory information**

Risk phrases:	Not Applicable
Safety phrases:	Not Applicable

### **16. Other information**

None Known

This product should be stored and used in accordance with good industrial hygiene practices and in conformity with any legal regulation. The information contained in this M.S.D.S is based on data from sources considered to be reliable, but Bead Brite does not guarantee the accuracy or completeness thereof. Bead Brite urges each customer or recipient to this M.S.D.S to study it carefully to become aware of and understand the hazards associated with this product. The reader should consider consulting reference works or individuals who are experts in ventilation, toxicology or fire prevention as necessary or appropriate to use and understand the data in this Material Safety Data Sheet.