

## MATERIAL SAFETY DATA SHEET: BRONZE FILLER

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

**Product name**

JESMONITE BRONZE FILLER

**Application of Product:**

Decorative Filler.

**Company Address:**

Jesmonite Limited. Challenge Court, Bishop's Castle, Shropshire, SY9 5DW

**Information in case of emergency:**

Tel:+44 (0) 1588 630302 Fax:+44 (0) 1588 630304 Web: www.jesmonite.co.uk Email: sales@jesmonite.co.uk

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

**Substance:** Bronze powder, CU/SN/ZN alloy, copper 87 -89%, tin 9 - 11%, zinc 1 – 3 %.

### 3. HAZARDS IDENTIFICATION

May cause irritation if powder enters the eyes. Breathing dust may cause metal fume fever.

### 4. FIRST AID MEASURES

**Inhalation:** Fresh air. If suspect symptoms appear, seek medical advice.

**Ingestion:** Unlikely. No specific first aid required.

**Eyes:** Rinse thoroughly with water. If discomfort persists, seek medical advice.

**Skin contact:** Was with mild soap and water. For rashes – seek medical advice.

**Wounds:** Clean thoroughly and remove all powder particles.

### 5. FIRE FIGHTING MEASURES

**Extinguishing media:** Normal incombustible product.

### 6. ACCIDENTAL RELEASE MEASURES

Collect with vacuum cleaner to avoid excess dust. Place in separate container for disposal.

### 7. HANDLING AND STORAGE

**Prevention**

Avoid repeated skin and eye contact. In case of dust release during operation, collect the dust nearest to the emission point.

**Precautions**

Ensure adequate ventilation (general in the workshop and specific for the mixing facility).

**Safe handling advice**

Not applicable.

**Technical measures**

Good stock rotation

**Packaging materials**

Open top plastic containers.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Preventative measures**

Avoid dusty working conditions.

Use sufficient dust extraction.

Wash hands thoroughly after handling.

**Personal protection**

In case of insufficient ventilation, suitable respiratory equipment with fine particle filter (p2) should be worn. Wear suitable gloves and goggles (if there is any risk of eye contact).

### 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Melting point</b>	1082°C
<b>Boiling point</b>	2324°C
<b>Flash point</b>	N/A
<b>Explosion limit</b>	N/A
<b>Solubility</b>	N/A
<b>Bulk density</b>	3.0 – 5.0 g/cm <sup>3</sup>
<b>Viscosity</b>	N/A

### 10. STABILITY AND REACTIVITY

**Chemical stability**

Stable at normal handling and storage conditions. Violent reactions with nitric acid, acetylene and oxidising agents.

### 11. TOXICOLOGICAL INFORMATION

Copper oral – rat TDLo 152mg/kg

### 12. ECOLOGICAL INFORMATION

Copper is toxic to fish and lower forms of life. Avoid contamination of land and waterways.

### **13. DISPOSAL CONSIDERATIONS**

Spillage should be collected with a vacuum cleaner to avoid excess dust. Dispose in a safe manner in accordance with local regulations.

### **14. TRANSPORT INFORMATION**

Non classified

### **15. REGULATORY INFORMATION**

Non classified

### **16. OTHER INFORMATION**

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