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## Material Safety Data Sheet Jesmonite Brass Powder

### 1. Identification of the Substance/Preparation and Company

**Product Name:** Jesmonite Brass Powder

**Company Address:**

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

**Tel:** +44 (0) 1588 630302

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### 2. Composition/Information on Ingredients

**Substance:** Brass powder, copper 89%, tin 11%.

### 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:** Wash 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. Storage and Handling

#### Handling procedures

**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

**Melting point** 1082°C

**Boiling point** 2324°C

**Flash point** N/A

**Explosion limit** N/A

**Solubility** N/A

**Bulk density** 3.0 – 5.0 g/cm<sub>3</sub>

**Viscosity** 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

The contents and format of this MSDS are in accordance with the EEC Commission Directive 91/155/EEC.

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