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Date of issue:

Material Safety Data Sheet Jesmonite Antique Black Powder

1. Identification of the Substance/Preparation and Company

Product Name: Jesmonite Antique Black Powder

Company Address:

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

Tel: +44 (0) 1588 630302

Fax: +44 (0) 1588 630304

2. Composition/Information on Ingredients

Composition

Preparation: Blend of metal and pigment powders.

Characterisation: Black powder with fine metallic particles.

3. Hazards Identification

Critical hazards: Not classified as hazardous. May cause skin and eye irritation. Repeated and prolonged inhalation may cause changes in the lungs.

4. First Aid Measures

General: Avoid breathing dust and physical contact.

Inhalation: Seek medical attention if exposure is serious – prolonged chronic exposure may give rise to siderosis.

Skin contact: Wash with mild soap and rinse thoroughly.

Ingestion: Seek medical advice if significant in quantity.

5. Fire Fighting Measures

Extinguishing media: Any product non inflammable.

Media which must not be used: None.

Hazards arising from product: Avoid rinsing to drains or sewers.

Special protective equipment: Breathing apparatus where dusting is possible.

6. Accidental Release Measures

Personal protection: Avoid dust.

Environmental precautions: Curtail distribution of product – do not rinse to drains or sewers.

Cleaning up: Use vacuum or dampen spillages with a little water and surfactant then apply absorbent and sweep into container for disposal.

7. Storage and Handling

Handling: Maintain good hygiene and provide effective ventilation to remove dust.

Storage: Store in dry conditions, avoiding damage to container.

8. Exposure Controls/Personal Protection

Engineering design measures: Provide ventilation where dusting is possible.

Personal protection equipment:

General Keep overalls washed.

Respiratory Use mask where dusting is possible.

Hands Gloves

Eyes Use goggles where dusting or splashing is possible.

9. Physical and Chemical Properties

Physical form Powder

Colour Black

Odour None

Change in physical state None

Boiling point N/A

Flash point N/A

Inflammability Will not burn

Ignition temperature N/A

Oxidising properties None known

Density 4.8 – 5.1 g/cu.cm

Solubility in water Not soluble

pH value -6 – 6.5

Thermal decomposition None

10. Stability and Reactivity

General: Stable at room temperature.

Conditions to avoid: Damp storage.

Materials to avoid: None known.

Hazardous decomposition products: None known.

11. Toxicological Information

No toxic chemicals present above 1% or carcinogens above 0.1%.

12. Ecological Information

Avoid environmental contamination.

13. Disposal Considerations

Materials: Attention should be given to local regulations.

14. Transport Information

Not classified as hazardous for road transport.

15. Regulatory Information

Identification according to EED directives:

EEC

EEC

National regulations:

SI 1993/1746: CHIP regulations 1993

SI 1988/1657: COSHH regulations 1988

SI 1992/2051: Health & Safety at Work

Regulations 1992

Health & Safety at Work Act 1974

Health & Safety at Work Act 1990

16. Other Information

Abbreviations

ACGIH = American Conference of Governmental
Industrial Hygienists

MAK = Maximum workplace Concentrations

TLV = Threshold Limit Value

PEL = Permissible Exposure Limit

TWA = Time Weighted Average

STEL = Short Term Exposure Limit

BAc = Butyl acetate

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