

## WHITING POWDER MATERIAL SAFETY DATA SHEET

Issued: 10/02/2004

Revision No: 2

### 1. Product & Company Identification

Product name: WHITING POWDER  
CAS number: 1317-65-3  
EINECS number: 2152796

Use / description of product: Ground, natural calcium carbonate

Company name: Intaglio Printmaker  
9 Playhouse Court  
62 Southwark Bridge Road  
London SE1 0AT  
Tel: +44 (0) 207 928 2633

### 2. Composition / Information on Ingredients

Contains: Natural, ground calcium carbonate ( $\text{CaCO}_3$ : CAS-No. 1317-65-3) mixed with 0.4 - 2.8% auxiliary agents. Silica, quartz (naturally-occurring component of calcium carbonate) typical 0.05 - 0.5%. Quartz: 0.1 mg/m<sup>3</sup> 8hr TWA MEL.

### 3. Hazards Identification

Main hazards: No significant hazard.

### 4. First Aid Measures

- Skin contact: Wash immediately with plenty of soap and water.
- Eye contact: Bathe the eye with running water for 15 minutes. If eye irritation persists, consult a specialist.
- Ingestion: Wash out mouth with water. Seek medical attention if you feel unwell.
- Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Seek medical attention if you feel unwell.

### 5. Fire-Fighting Measures

- Extinguishing media: Non-Flammable substance, not applicable. Suitable extinguishing media for the surrounding fire should be used.

### 6. Accidental Release Measures

- Personal precautions: Do not create dust.
- Clean-up procedures: Transfer to a suitable container. Avoid contact with acids.

### 7. Handling and Storage

- Handling requirements: Ensure there is sufficient ventilation of the area.
- Storage conditions: Store in cool, well ventilated area. Keep container tightly closed. Do not store near acid.

### 8. Exposure Controls / Personal Protection

Respirable dust

- TWA (8 hr exposure limit): 4 mg/m<sup>3</sup> (OES)
- Hazardous ingredients: CALCIUM CARBONATE – LIMESTONE TWA (8 hr exposure limit): 10mg/m<sup>3</sup> (OES)
- Engineering measures: Ensure there is sufficient ventilation of the area.
- Respiratory protection: Respiratory protective device with particle filter.

## 9. Physical and Chemical Properties

- State: Powder
- Colour: White
- Odour: Odourless
- Solubility in water: Slightly soluble
- Melting point/range°C: 1340°C (102 bar)
- Flash point°C: Not applicable.
- Part.coeff. n-octanol/water: <1
- Autoflammability°C: Not auto-flammable.
- Vapour pressure: Negligible.
- Relative density: 2.7 g/cm<sup>3</sup> (20°C)
- pH: 8.5-9.5

## 10. Stability and Reactivity

- Stability: Stable under normal conditions.
- Materials to avoid: Acids.
- Haz. decomp. products: Can react with acids under the formation of carbon dioxide which can displace oxygen (danger of suffocation).

## 11. Toxicological Information

- Acute toxicity: BRITOMYA M,V,S,C,OL. MORDEN R,T. CRETA PRAEPARATA V,FF. SUNCAL  
ORL RAT LD50 >5000 mg/kg

## 12. Ecological Information

- Ecotoxicity: BRITOMYA M,V,S,C,OL. MORDEN R,T. CRETA PRAEPARATA V,FF. SUNCAL  
ALGAE 72H LC50 > 200 mg/l  
DAPHNIA 49H LC50 > 1000 mg/l  
FISH 96H LC50 >10,000 mg/l
- Mobility: Non-volatile.
- Persistence and degradability: Not biodegradable.
- Bioaccumulative potential: No data available.

## 13. Disposal Considerations

- Disposal operations: DI Tipping above or underground (e.g. landfill, etc.).
- Disposal of packaging: Dispose of as normal industrial waste.  
NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

## 14. Transport Information

ADR / RID UN no: "NOT SUBJECT TO ADR"

IMDG / IMO UN no:

IATA / ICAO UN no:

## 15. Regulatory Information

- Hazard symbols: No significant hazard.

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

## 16. Other Information

Complies with Directives (2001/58/EC), (1999/45/EC), (91/155/EEC), (67/548/EEC) as amended and Chemicals (hazard information and packaging for supply) 2002 (CHIP3) Regulation, EH40.

Switzerland: Classified as a non-toxic product under BAG T Nr 617300

Europe/EG: EINECS listed under No. 215-279-6

USA: TSCA Inventory listed under CAS No. 1317-65-3

Japan: MITI registered

Australia: ACOIN edition 92 listed under CAS-No. 1317-65-3

Canada: Limestone is exempt from the PDSL (naturally-occurring substance).

People's Rep. of China: 1317-65-3

South Korea: 1317-65-3

Legal disclaimer: The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process unless specified in the text.