Bath Potters' Supplies

MATERIAL SAFETY DATA SHEET

1. Identification of the preparation/Supplier reference

Trade Name	**Talc**
Chemical name	Hydrated Magnesium Silicate, associated with Hydrated Magnesium Aluminium Silicate
Synonyms	None
Supplier	Bath Potters' Supplies, 2 Dorset Close, Bath, BA2 3RF
Emergency numbers	01225 337046

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2. Composition

Component	CAS	EINECS	% of composition
Hydrated Magnesium Silicate			

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3. Health Hazard Identification

Inhalation	Excessive exposure to any dusty residue may cause irritation of the respiratory tract and mucous membranes, and cause symptoms of chronic lung disease.
Ingestion	The product is of low solubility in body fluids and likely to be of low acute toxicity.
Eyes	May cause physical irritation and inflammation.
Skin	The product is classed as a minor irritant, but as with any abrasive powder it may cause minor irritation and/or sensitisation. Talc can cause dryness of the skin due to the high oil content.

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4. First Aid Measures

Inhalation	Remove patient to fresh air, loosen tight clothing and seek medical advice if irritation persists.
Ingestion	Do not induce vomiting, rinse mouth with water (provided patient is conscious). Seek medical advice if irritation persists, or if ingestion was particularly large.
Eyes	Irrigate immediately with copious amounts of water for 15 minuets, paying particular attention to under the eyelid. Seek medical attention is irritation persist.
Skin	Remove contaminated clothing and wash affected areas with soap and water. If irritation persists, seek medical attention

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5. Fire Fighting Measures

Extinguishing Media	Suitable for surrounding fire conditions. The product is not explosive or combustible. Standard fire fighting techniques only are required, i.e. water, sand, carbon dioxide, chemical foam extinguishers etc.
Special Exposure hazard	None
Protective equipment	None other than required for surrounding fire conditions

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6. Accidental Release Measures

Leaks & Spills	Remove dry materials either by a vacuum cleaner fitted with an efficient particulate filter or by damping down and scooping in to a receptacle. Small spillages may be washed into drains with plenty of water (provided effluent consent conditions are complied with).
Protective equipment	Respiratory protective equipment.

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7. Handling & Storage

Handling	Do not eat, drink, or smoke in areas where the material is used. Wash thoroughly after handling the material. Local exhaust ventilation is recommended to comply with occupational exposure limits, (refer to Guidance Note EH40 - latest edition). Talc is slippery and excessive spillage can cause hazardous conditions when underfoot.

Storage	Store in a sealed container in normal dry conditions.

8. Exposure Control/Personal protective Equipment

Engineering controls	Adequate ventilation should be provided so that Occupational Exposure Limits are not exceeded. Local Exhaust Ventilation is normally recommended
Personal protective equipment	Where LEV is not practicable and exposure is likely to be excessive, approved respiratory protection to CEN standards prEN 140, 141, 143 or 149 should be worn. Protective gloves and overalls are recommended for prolonged contact.

9. Physical & Chemical properties

Appearance & Odour	White odourless finely ground powder
Flash point (ºC)	Not applicable
Flammability	Not applicable
Explosive properties	Non-explosive
Oxidising properties	None
Specific gravity	2.8
pH value	
Melting point (ºC)	Decomposition at approx. 900-970°C, Transformed into Clinoenstatite at 940°C

10. Stability & Reactivity

Chemical stability	The material is stable in normal atmospheric conditions.
Conditions/materials to avoid	Moisture will hydrate the product. Absorbs odours – oils and fats.
Hazardous decomposition products	None known
Hazardous polymerisation products	None known

11. Toxicology Information

Acute toxicology	LD_{50} Oral	Not known
	LD_{50} Dermal	Not known
	LD_{50} Inhalation	Not known
Health effects	Prolonged or repeated exposure to any dust, above Occupational Exposure Standards, may cause fibrosis of the lungs.	

12. Ecological information

Ecotoxicity	Chemically inert, and does not react readily with most common substances at room temperatures and pressures.
Persistence	The product is essentially insoluble in water and is not expected to present a hazard.

13. Disposal

Dispose in accordance with current waste Disposal regulations (for UK - Control of Pollution (Special Waste) Regulations 1980). Landfill is the most appropriate method. Small amounts may be washed into drains with plenty of water, but observe local effluent control limits.

14. Transport Information

UN/SI No.		Not classified
UN Class		Not classified
Packing group		Not classified
Road	UK	Not classified
ADR		Not classified
Sea	IMO	Not classified
Air	ICAO	Not classified

15. Regulatory information

EC Supply Labelling	None required by directive 88/379/EEC, and subsequent amendments.
R-Phrases	None
S-Phrases	Optional for dusty powders:
	S20/21 When using do not eat, drink or smoke.
	S22/23 Do not breath dust or fumes/spray.
	S38 In case of insufficient ventilation wear suitable respiratory equipment.

UK Occupational exposures limits*	Mg/m^3 8 hr TWA	% in product
Hydrated Magnesium Silicate		
Total inhalable	10	
respirable	1	

* Refer to HSE Guidance note EH40

In accordance with the H.S.E. Approved Code of Practice for CHIP, the recipient is reminded of their obligations under both the Health and Safety at Work Act (HSWA) and the Control of Substances Hazardous to Health Regulations (COSHH), and that the information in any safety data sheet does not constitute the user's assessment of workplace risk.

16. Other information

General industrial hygiene practices are recommended when handling and using this product.

COSHH ACOP:	H.S.C. Approved Code of Practice for the Control of Substances Hazardous to Health Regulations 1994.
CHIP 96:	Chemicals (Hazard Information and Packaging for Supply) Regulations 1996.
CHIP SDS ACOP:	H.S.C. Approved Code of Practice for Safety Data Sheets in accordance with regulation 6 of the CHIP regulations.
HSE EH40:	HSE Guidance note EH40 on Occupational Exposure Limits, to be used in conjunction with the COSHH regulations.

The information contained in this safety data sheet has been prepared using the best available information. However, in view of technical developments this may alter.

The material must only be used for its stated purpose and the information contained within this data sheet is offered solely for use in the evaluation of this product in respect of safety, health and environmental hazards.

Due to the many factors outside our control when using this product we cannot accept liability for any injury, accident, loss or damage caused through its use.

August 2000-08-18