

CTM POTTERS SUPPLIES

SAFETY DATA SHEET

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

Product information:

Product Name : Quartz
Chemical Name : None
Synonyms : None
Company : CTM Potters Supplies
Unit 10A, Millpark Industrial Estate
White Cross Road
Woodbury Salterton
Nr. Exeter
EX5 1EL
Telephone : 01395-233-077
Fax : 01395-233-905

2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	CAS Number	EC Number	% of composition
Crystalline silica	14808-60-7	--	100%

3. HAZARD IDENTIFICATION

Inhalation: Prolonged exposure to dust may cause long term irreversible effects from inhalation of respirable crystalline silica.
Ingestion: Gastrointestinal irritation.
Eyes: Dust will cause transient irritation by abrasion.
Skin: Dust may cause irritation by abrasion.

4. FIRST AID MEASURES

General Recommendations:

Ingestion: Wash out mouth with water.
Eyes: Wash immediately with copious amounts of water for at least 10 minutes, holding eye open. Obtain medical attention if soreness or redness persists.
Skin: Wash affected areas with thoroughly with soap and water.
Advice to Physicians: Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Not combustible.
Special exposure hazards: Avoid the formation of dust clouds.

6. ACCIDENTAL RELEASE MEASURES

Leaks & Spills: Dry spillage- Sweep or preferably vacuum up and collect in suitable containers for recovery or disposal. Avoid creating a dust. Dampen down with water if possible.
Moist spillage- Sweep up into suitable containers for recovery or disposal.

7. HANDLING AND STORAGE

Handling:	Do not eat, drink, or smoke in areas where the material is used. Wash thoroughly after handling the material. Avoid inhaling dust.
Storage:	Storage area should be dry and well ventilated.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Silica Flour Respirable:	UK EH40 MEL 0.3mg/m ³ 8hr TWA Silica crystalline dust
Engineering controls:	Adequate ventilation should be provided so that Occupational Exposure Limits are not exceeded. Local Exhaust Ventilation is normally recommended.
Personal protective equipment:	Respiratory protection- Dust respirator if conditions are dusty. Hand protection- PVC gloves. Eye protection- Chemical goggles or face shield. Body protection- Normal work wear, overall or apron.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	
Form:	powder
Colour:	off white
Odour:	odourless
Solubility in water (kg/m ³)	Insoluble
Density (kg/m ³)	2650
Particle size range	0-250 microns

10. STABILITY AND REACTIVITY

Chemical stability:	The material is stable under normal conditions.
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11. TOXICOLOGICAL INFORMATION

Acute toxicology:	LD50 Oral: Not known LD50 Dermal: Not known LD50 inhalation: Not known
Health effects:	Eye- The material is an irritant to the eyes. Skin- The degree of irritation is insufficient to warrant labelling as a skin irritant.

12. ECOLOGICAL INFORMATION

Ecotoxicity:	The product is involatile and insoluble and will accumulate in the ground.
Persistence:	The product is resistant to biodegradation.

13. DISPOSAL CONSIDERATIONS

Dispose in accordance with current waste disposal regulations (for UK – Control of Pollution (Special Waste) Regulations 1980). Landfill is the most appropriate method.

Contaminated containers MUST NOT be treated as household waste.

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:	Harmful
R-Phrases:	Harmful by inhalation. Danger of serious damage to health by prolonged exposure.
S-Phrases:	Do not breathe dust.
UK Occupational exposures limits*:	Mg/m ³ 8 hr TWA % in product. 0.3

*Refer to HSE Guidance note EH40

In accordance with HSE 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**References:**

COSHH ACOP	HSC 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 ACOPS	HSC 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 COSH regulations.

Additional data:**STATEMENT REGARDING RESPIRABLE SILICA**

This product contains respirable Silica in the form of QUARTZ (particle size range in Microns is stated in section 9 of the MSDS). Prolonged exposure can give rise to fibrosis of the lungs, commonly referred to as silicosis. The respirable percentage of SiO₂ available to inhale will be dependent upon prevailing conditions.

Further information:

Data sheet producing department: CTM Potters Supplies
Telephone: 01395-233-077

Disclaimer:

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.