

CTM POTTERS SUPPLIES

SAFETY DATA SHEET

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

Product information:

Product Name : Tin Oxide

Synonyms : Stannic oxide, tin dioxide

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	Formula	CAS Number	EC Number
Tin Oxide	SnO ₂	18282-10-5	2421590

3. HAZARD IDENTIFICATION

Tin oxide is not classified as a substance dangerous for carriage or supply.

Tin oxide is not hazardous to the environment.

No risk or safety phrases are assigned.

Inhalation: Chronic exposure to tin oxide dust may induce Stannosis (pneumoconiosis).

4. FIRST AID MEASURES

General Recommendations:**Inhalation:**

Remove from exposure to fresh air.

Eyes:

Flush eyes with copious amounts of water.

Skin:

The substance is not irritating to the skin.

Ingestion:

In case of persistent symptoms consult doctor.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Any.

Unsuitable extinguishing media: None.

Exposure hazards: None known.

Protective equipment for fire-fighters: No special measures required.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Do not breathe dust. Wear personal protective equipment.
Environmental precautions:	No special measures required.
Neutralising chemicals:	Not required.
Method of clean up:	Vacuum cleaner or wet sweeping.

7. HANDLING AND STORAGE

Precautions during handling:	Avoid causing dust. Use local exhaust ventilation or adequate respiratory protective equipment.
Storage and packaging:	No special requirements.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Inhalation:	Occupational Exposure Limits:
Tin Oxide:	2mg/m ³ (as Sn) 8-hour time weighted average (TWA) 4mg/m ³ (as Sn) short-term exposure limit (STEL)
Protective measures:	Use local exhaust ventilation or adequate respiratory protective equipment to maintain exposure below Occupational Exposure Limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

Form:	powder
Colour:	white
Odour:	odourless
Specific gravity:	Approximately 6.95
Solubility in water:	Insoluble, pH of slurry neutral
Flammability:	Non-flammable
Melting point:	Approximately 1630°C
Boiling point:	Sublimates between 1800°C and 1900°C

10. STABILITY AND REACTIVITY

Conditions to avoid:	None known
Materials and substances to avoid:	None known
Hazardous decomposition products:	None known

11. TOXICOLOGICAL INFORMATION

Inhalation:	Chronic exposure to tin oxide dust may cause Stannosis (pneumoconiosis).
Ingestion:	Non-toxic (LD ₅₀ greater than 2.0g/kg bodyweight)
Eye contact:	May be irritating to the eyes.
Skin contact:	No irritating effect.

12. ECOLOGICAL INFORMATION

Environmental effect:	Insoluble in water, stable and inert under normal environmental conditions.
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13. DISPOSAL CONSIDERATIONS

Disposal of product:	According to official regulations.
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Disposal of packaging: According to official regulations.

14. TRANSPORT INFORMATION

Special precautions: None

15. REGULATORY INFORMATION

Risk Phrases: None assigned

Safety Phrases: None assigned

Classification Symbol: None assigned

16. OTHER INFORMATION

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.