

MATERIAL SAFETY DATA SHEET

SREEINIVASA INDUSTRIES

NO: 2, Gangadharan Street, Ambedkar Nagar, Vadapalani Chennai. 600 026. INDIA.

Tel: 23624648 Fax.NO.42990723 E-mail:sreeind@eth.net

PRODUCT NAME : GRANULATED TIN METAL

1 PRODUCT INFORMATION

Substance identification: GRANULATED TIN METAL

2 COMPOSITION / INFORMATION ON INGREDIENTS

Granulated tin metal, chemical formula Sn

Synonyms: Sn (granulated)

Chemical Abstract Number: CAS 7440-31-5

European Inventory Number: EINECS 2311418

3 HAZARDS IDENTIFICATION

Granulated tin metal is not classified as a substance dangerous for carriage or supply

Granulated tin metal is not hazardous to the environment

No Risk or Safety phrases are assigned

4 FIRST AID MEASURES

Inhalation: Remove from exposure to fresh air

Ingestion: Seek medical advice

Eye contact: Flush eyes with copious amounts of water

Skin contact: The substance is not skin-irritating

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: 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: The wearing of goggles or safety glasses is recommended. Granulated tin may puncture the skin. The wearing of gloves is recommended during handling.

Storage and packaging: No special requirements

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limits: 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: Metallic flakes, no odour

Specific gravity: 7.2 to 7.4

Solubility in water: Insoluble

Flammability: Non-flammable

Melting point: 232°C

Boiling point: 2625°C

10 STABILITY AND REACTIVITY

Conditions to avoid: None known

Materials to avoid: None known

Hazardous decomposition products: None known

11 TOXICOLOGICAL INFORMATION

Inhalation: Chronic exposure to tin metal dust may cause Stannosis (pneumoconiosis)

Ingestion: Non-toxic (LD50 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

13 DISPOSAL CONSIDERATIONS

Disposal of product: According to official regulations

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

The information given is based on our present state of knowledge and does not represent a guarantee of any product characteristics