

PURE TIN ANODE

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1. PRODUCT NAME : PURE TIN ANODE

PRODUCT CODE : 29-0816

2. HAZARDOUS INGREDIENT/IDENTITY INFORMATION

Hazardous Components

Ingredients	Cas No.	OSHA PEL	ACGIH TLV	%	R Phrases
Tin	7440-81-5	2 mg/m3	2 mg/m3	100	

3. PHYSICAL/CHEMICAL PROPERTIES

- Boiling point – not applicable
- Vapor Pressure (mm Hg) – not applicable
- Vapor Density (AIR=1) – not applicable
- Specific Gravity (H2O=1) --- 7.30 ± 0.1
- Melting point (°C) ALLOYS --- 232°C
- Evaporation Rate (Butyl Acetate=1) – not applicable

Solubility in Water ----- Insoluble

Appearance and Odor ----- Metallic color, no fume.

4. FIRE AND EXPLOSION HAZARD DATA

Flash Point (Solvent used in this flux) ----- NA

Flammable Limits ----- NA

Extinguishing Media ----- Carbon dioxide and/or dry chemical.

Special Fire Fighting Procedure ----- Use self-contained breathing apparatus and full protective clothing for fires in enclosed areas.

Unusual Fire and Explosion Hazards ----- NA.

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5. REACTIVITY DATA

Stability	--- Stable
Conditions to Avoid	--- Not known
Incompatibility	--- Not known
Hazardous Decomposition or Byproducts	--- NA
Hazardous Polymerization	--- Will Not Occur
Conditions to Avoid	--- NA

6. HEALTH HAZARD DATA

Specific Hazards : No.

- Medical conditions aggravated by exposure : Not known.
- Primary route (S) of entry : No.
- First aid procedures : NA.

Signs and Symptoms of Exposure
Not known.

Medical Conditions Generally Aggravated by Exposure

Emergency and First Aid Procedures

Inhalation --- Not known.

Ingestion --- Call a physician at once.

Skin --- For hot metal burns, exposed area should be cooled with water and get medical attention.
After handling, wash thoroughly with soap and water.

7. PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be taken in cause material is released or spilled.

Waste Disposal Method

Contact supplier or a licensed chemical waste disposal contractor for treatment, packaging and disposal requirements.

Precautions to be taken in Handling and Storing

Handling by machine is recommended.

Wear safety shoes when handling.

Wash hands before eating or smoking after handling solder.

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8. CONTROL MEASURES

Respiratory Protection

A NIOSH approved dust/fume respirator should be worn where applicable limits may be exceeded.

Ventilation

Local Exhaust --- Remove smoke from breathing area.

Special --- Not required.

Protective Gloves

Use plastic or rubber gloves and aprons where necessary to avoid skin contact.

Eye Protection

Safety glasses or goggles should be worn in areas where splashing may occur.

Other Protective Clothing or Equipment

Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below TLV's.