

**Material Safety  
Data Sheets**

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**TIN OXIDE**

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**Section 1 - Product and Company Identification**  
**TIN OXIDE**

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**Product Identification:** TIN OXIDE**Date of MSDS:** 01/01/1987 **Technical Review Date:** 12/08/1986**FSC:** 6850 **NIIN:** LIIN: 00F004094**Submitter:** F BT**Status Code:** C**MFN:** 01**Article:** N**Kit Part:** N**Manufacturer's Information****Manufacturer's Name:** MAGNESIUM ELEKTRON/FLEMINGTON, NJ 08822**Manufacturer's Address1:****Manufacturer's Address2:** N/P, NK 00000**Manufacturer's Country:** NK**General Information Telephone:****Emergency Telephone:** (201) 782-5800**Emergency Telephone:** (201) 782-5800**MSDS Preparer's Name:** N/P**Proprietary:** N**Reviewed:** Y**Published:** Y**CAGE:** MAGNE**Special Project Code:** N**Contractor Information**

**Contractor's Name:** MAGNESIUM ELEKTRON/FLEMINGTON, NJ 08822  
**Post Office Box:** 251  
**Contractor's Address1:** UNKNOWN  
**Contractor's Address2:** UNKNOWN, NK 00000  
**Contractor's Telephone:** UNKNOWN  
**Contractor's CAGE:** MAGNE

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## Section 2 - Compositon/Information on Ingredients TIN OXIDE

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**Ingredient Name:** TIN OXIDE (STANNOXYL), AS TIN  
**Ingredient CAS Number:** 1332-29-2 **Ingredient CAS Code:** M  
**RTECS Number:** XQ3980000 **RTECS Code:** M  
**=WT: =WT Code:**  
**=Volume: =Volume Code:**  
**>WT: >WT Code:**  
**>Volume: >Volume Code:**  
**<WT: <WT Code:**  
**<Volume: <Volume Code:**  
**% Low WT: % Low WT Code:**  
**% High WT: % High WT Code:**  
**% Low Volume: % Low Volume Code:**  
**% High Volume: % High Volume Code:**  
**% Text:** 100%  
**% Enviromental Weight:**  
**Other REC Limits:** N/P  
**OSHA PEL:** 2 MG/M3 (SN) **OSHA PEL Code:** M  
**OSHA STEL: OSHA STEL Code:**  
**ACGIH TLV:** 2 MG/M3 (SN); 8990 **ACGIH TLV Code:** M  
**ACGIH STEL: N/P ACGIH STEL Code:**  
**EPA Reporting Quantity:**  
**DOT Reporting Quantity:**  
**Ozone Depleting Chemical:** N

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## Section 3 - Hazards Identification, Including Emergency Overview TIN OXIDE

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**Health Hazards Acute & Chronic:** N/P

**Signs & Symptoms of Overexposure:**

SKIN/EYES: ABRASIVE MATERIAL THAT MAY CAUSE IRRITATION.

**Medical Conditions Aggravated by Exposure:**

N/P

**LD50 LC50 Mixture:** N/P

**Route of Entry Indicators:**

**Inhalation:** N/P

**Skin:** N/P

**Ingestion:** N/P

**Carcenogenicity Indicators**

**NTP:** N/P

**IARC:** N/P

**OSHA:** N/P

**Carcinogenicity Explanation:** N/P

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**Section 4 - First Aid Measures**

**TIN OXIDE**

**First Aid:**

EYES: FLUSH EYES W/WATER FOR 15 MINUTES. SKIN: FLUSH AFFECTED AREA WITH SOAP/WATER. IF IRRITATION IS PRESENT, SEEK MEDICAL AID. INHALATION/INGESTION: SEEK MEDICAL AID.

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**Section 5 - Fire Fighting Measures**

**TIN OXIDE**

**Fire Fighting Procedures:**

N/K

**Unusual Fire or Explosion Hazard:**

N/K

**Extinguishing Media:**

NOT FLAMMABLE

**Flash Point:** **Flash Point Text:** NOT FLAMMABLE

**Autoignition Temperature:**

**Autoignition Temperature Text:** N/A

**Lower Limit(s):** N/K

**Upper Limit(s):** N/K

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**Section 6 - Accidental Release Measures**

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**Spill Release Procedures:**

COLLECT BY SWEEPING WET OR WITH THE AID OF A SWEEPING COMPOUND.  
RESPIRATORY PROTECTI SHOULD BE WORN.

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**Section 7 - Handling and Storage**  
**TIN OXIDE**

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**Handling and Storage Precautions:****Other Precautions:**

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**Section 8 - Exposure Controls & Personal Protection**  
**TIN OXIDE**

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**Repiratory Protection:**

IF DUSTING IS A PROBLEM, WEAR AN APPROVED DUST MASK.

**Ventilation:**

GENERAL ROOM VENTILATION AS A MINIMUM.

**Protective Gloves:**

RUBBER

**Eye Protection:** SAFETY GLASSSS

**Other Protective Equipment:** WORK CLOTHING/COVERALLS, AS REQUIRED/MINIMIZE SKIN CONTACT.

**Work Hygenic Practices:** N/P

**Supplemental Health & Safety Information:** MSDS DATE: 15 MAY 1986. MELTING POINT:  
>400C.

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**Section 9 - Physical & Chemical Properties**  
**TIN OXIDE**

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**HCC:**

**NRC/State License Number:**

**Net Property Weight for Ammo:**

**Boiling Point: Boiling Point Text:** N/K

**Melting/Freezing Point: Melting/Freezing Text:** N/A

**Decomposition Point: Decomposition Text:** N/A

**Vapor Pressure: N/K Vapor Density:** N/K

**Percent Volatile Organic Content:**

**Specific Gravity:** 6.9

**Volatile Organic Content Pounds per Gallon:**

**pH:** N/P

**Volatile Organic Content Grams per Liter:**

**Viscosity:** N/P

**Evaporation Weight and Reference:** N/K

**Solubility in Water:** INSOLUBLE

**Appearance and Odor:** SOLID-WHITE POWDER WITH NO ODOR

**Percent Volatiles by Volume:** N/K

**Corrosion Rate:** N/P

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**Section 10 - Stability & Reactivity Data**  
**TIN OXIDE**

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**Stability Indicator:** YES

**Materials to Avoid:**

AVOID CONTACT W/HYDRIDES/HALIDES/ORGANIC TIN COMPOUNDS

**Stability Condition to Avoid:**

N/K \_

**Hazardous Decomposition Products:**

NONE

**Hazardous Polymerization Indicator:** NO

**Conditions to Avoid Polymerization:**

N/K

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**Section 11 - Toxicological Information**  
**TIN OXIDE**

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**Toxicological Information:**

N/P

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**Section 12 - Ecological Information**  
**TIN OXIDE**

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**Ecological Information:**

N/P

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**Section 13 - Disposal Considerations**  
**TIN OXIDE**

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**Waste Disposal Methods:**

DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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**Section 14 - MSDS Transport Information**  
**TIN OXIDE**

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**Transport Information:**

N/P

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**Section 15 - Regulatory Information**  
**TIN OXIDE**

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**SARA Title III Information:**

N/P

**Federal Regulatory Information:**

N/P

**State Regulatory Information:**

N/P

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**Section 16 - Other Information**  
**TIN OXIDE**

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**Other Information:**

N/P

**HAZCOM Label Information****Product Identification:** TIN OXIDE**CAGE:** MAGNE**Assigned Individual:** N**Company Name:** MAGNESIUM ELEKTRON/FLEMINGTON, NJ 08822**Company PO Box:** 251**Company Street Address1:** UNKNOWN**Company Street Address2:** UNKNOWN, NK 00000 NK**Health Emergency Telephone:** 201) 782-5800**Label Required Indicator:** Y**Date Label Reviewed:** 12/16/1998**Status Code:** C**Manufacturer's Label Number:****Date of Label:** 12/16/1998**Year Procured:** N/K**Organization Code:** G**Chronic Hazard Indicator:** N/P**Eye Protection Indicator:** N/P**Skin Protection Indicator:** N/P**Respiratory Protection Indicator:** N/P**Signal Word:** N/P**Health Hazard:****Contact Hazard:****Fire Hazard:****Reactivity Hazard:**

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