

**Safety Data Sheet**  
**29 CFR 1910.1200**

**Section 1: Company and Product Identification**

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**Product Name:** Electric Sparkle Additive

**Product Code(s):** FC21 (22)

**Company:** Theatre Effects  
1810 Airport Exchange Blvd.  
Suite 400  
Erlanger, KY 41018  
800-791-7646  
24 Hr Emergency: INFOTRAC, 1-800-535-5053  
(outside USA +1-352-323-3500)

**Section 2: Hazards Identification**

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**Hazard Pictograms:**



**Signal Word:** Danger

**Hazard Category:** Flammable Solid

**Hazard Statements:** H228: Flammable solid

**Precautionary**  
P210: Keep away from heat/sparks/open flames/hot surfaces – No smoking  
P241: Use explosion-proof lighting or other equipment in proximity of product  
P280: Wear protective gloves/protective clothing/eye protection/face protection  
P370+378: In case of fire: use dry chemical for extinction

**Hazards not otherwise classified:** May form combustible dust concentrations in the air.

**Section 3: Composition / Information on Ingredients**

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Hazardous substance (name)	Hazard Category	CAS#	Weight %
titanium (powder)	Flam Sld 1	7440-32-6	>95

**Section 4: First Aid Measures**

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**General Info:** Product hazards exist primarily from dust generation. Ensure adequate ventilation during any first aid procedures.

**Notable Exposure symptoms:** If appreciable quantities are inhaled (dust), difficulty breathing or chest tightness may result.

**If ingested:** Rinse mouth. Drink plenty of water.

**If inhaled:** Remove to fresh air. Observe for breathing difficulties. Consult medical advice.

**Eye contact:** Rinse eyes with water. Consult medical advice if irritation develops.

**Skin contact:** Rinse with water. Consult medical advise if irritation develops.

**Additional Info:** No further information.

**Section 5: Fire Fighting Measures**

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**General Info:** This product is a powdered metal - highly flammable when exposed to flame or ignition source. Combustible dust concentrations in air can develop in high concentrations. Ensure adequate ventilation.

**Extinguishing Method /** Isolate area and ensure ventilation. Dry ash, salts, or inert gas are preferred extinguishing agents.

**Equipment:**

**Hazardous** Constituents associated with burning / combustion are to be considered hazardous. Utilize product where

**Decomposition Info:** ventilation is adequate. Large quantities should not be burned in small spaces.

## Section 6: Accidental Release Measures

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**Personal precautions, protective equipment and procedures:** Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Ensure area is properly ventilated.

**Containment Equipment and Procedures:** Material can be stored in the original receptacle. Spilled powder can be swept up, with an emphasis on dust minimization. Care should be taken to avoid ignition.

**Cleanup Procedures:** No specific measures.

## Section 7: Handling and Storage

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**Safe Handling Precautions:** Do not handle until all safety precautions have been read and understood. Do not handle near an open flame or sources of ignition until product effect is desired. Ensure adequate ventilation. Take precautionary measures against static discharges. Avoid breathing dusts.

**Recommendations for Storage:** Store in product package until usage is warranted.

**Storage:**

**Incompatibilities:** Store away from strong acids or oxidizing agents. Refer to Section 10.

## Section 8: Exposure Control / Personal Protection

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**General / Engineering Controls:** Local exhaust ventilation should be utilized to control dusts. Inert gas or dry powder fire extinguisher can help in the case of uncontrolled fire.

**Work Clothing:** No specific protective clothing needed.

**Eye/face protection:** None needed for product as received. When using product, utilize eyewear if situation necessitates additional safe measures.

**Skin Protection:** None needed for product as received. When using product, utilize fire resistant gloves if situation necessitates additional safe measures.

**Respiratory Protection:** Not required under normal usage. If dusts are created, utilize dust mask or other respiratory protection as required to control exposure limits. [Exposure Limit(s): Titanium (dust), 10 mg/m<sup>3</sup> (ACGIH TLV)]

**Additional Information:** Observe good chemical hygiene practices. Do not smoke while using this product. Care should be taken to observe surroundings prior to utilizing.

## Section 9: Physical and Chemical Properties

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**State:** Powder

**Melting Point:** >1500C

**Freezing Point:** Not avail

**Color:** gray

**Boiling Point/Range:** 3277C

**pH:** Not avail

**Sp Grav:** Not avail

**Odor:** Odorless

**Water Solubility:** Insoluble

<b>Evaporation rate:</b> Not avail	<b>Flash Point:</b> Not avail	<b>Part. Coeff (n-octanol/water):</b> Not avail
<b>Upper Flam Limits:</b> Not avail	<b>Lower Flam Limits:</b> Not avail	<b>Vapor Pressure:</b> Not avail
<b>VOC Content (lbs/gal):</b> Not avail	<b>Viscosity:</b> Not avail	<b>Autoignition Temp:</b> Not avail

#### Section 10: Stability and Reactivity

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**General:** Product is stable under normal conditions. Reacts with oxidizing agents / flame.

**Incompatible materials:** Strong oxidizing agents, strong acids.

**Decomposition products:** No decomposition products known. Constituents associated with burning may be harmful.

#### Section 11: Toxicological Information

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**General Information:** Product is a powdered metal. It does not pose an acute health hazard unless inhaled in appreciable quantities.

**Toxicological Information (product):** Product has not been tested, yet is not considered to be an acute or chronic health hazard. Inhalation may result in acute pulmonary symptoms, yet titanium is not associated with acute toxicity.

**Likely Routes of Inhalation:** of dusts, or fumes from burned material.  
**Exposure:**

**Carcinogenicity or mutagenicity:** Product is not a carcinogen or mutagen.

**Sensitization:** Product is not expected to be a sensitizer.

**Other Notes:** Hazards of the product exist mainly from its physical (flammable) characteristics.

#### Section 12: Ecological Information

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**General information:** Product not tested. Not expected to pose an environmental hazard.

**Aquatic toxicity:** Not expected to have any aquatic toxicity characteristics.

**Degradation / Mobility info:** No specific data available.

**Bioaccumulative potential:** Product is not bioaccumulative.

#### Section 13: Disposal Information

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**Product disposal:** Dispose of product in accordance with local, regional, and national regulations. Product is to be considered a flammable solid / ignitable waste.

**Container disposal:** No further information.

#### Section 14: Transport Information

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**DOT:** Classified as Dangerous Goods per 49 CFR (UN2878). Product is sold in exempted quantities.

**Comments:** Inquire for further information.

#### Section 15: Regulatory Information

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TSCA: All components listed on the TSCA 8(b) inventory.

CERCLA RQ: Not applicable.

SARA 311/312: Product is a flammable hazard.

SARA 313 Not applicable.

California Prop 65 Not applicable.

Substances:

**Section 16: Other Information**

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**HMIS Rating:** H:1, F:3, R:1

**SDS Author:** CCS, LLC

**Version Date:** 5/27/2015

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