

Safety Data Sheet
29 CFR 1910.1200

Section 1: Company and Product Identification

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

GHS02

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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

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

Section 4: First Aid Measures

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

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

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

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

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/m³ (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

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

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

Section 10: Stability and Reactivity

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

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

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

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

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

Comments: Inquire for further information.

Section 15: Regulatory Information

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

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

SDS Author: CCS, LLC

Version Date: 5/27/2015

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