

Section 1: Identification

Product Name: 2 Component Flash Powder "B"

Recommended use: When mixed with its "A" component "Oxidizer" it becomes a pyrotechnic mixture. Can be used in a firing pot or in airburst form. Produces bright flashes, colors, or smoke sometimes with report.

Professional Use only by a qualified Pyrotechnician in a Theatrical Entertainment Application or in Professional Training Applications.

Manufacturer and Distributor's Name and Address:

Ultratec Special Effects, Inc.
148 Moon drive
Owens Cross Roads, AL 35763
United States
Telephone Number: (256) 725-4224
www.ultratecfx.com

Emergency Telephone Number: 800-255-3924 - ChemTel

Section 2: Hazard Identification

Chemicals have been withheld for trade secret and proprietary information purposes.

WARNING



Burn, eye, skin, respiratory irritation, ingestion, acute or chronic exposure

BURN: Wash affected area.

EYE: Flush eyes with water for several minutes.

SKIN: Wash with soap and water

RESPIRATORY: Move to fresh air and consult physician.

INGESTION: DO NOT INDUCE VOMITING, Contact poison control

ACUTE OR CHRONIC EXPOSURE: Seek medical attention immediately

SEEK MEDICAL ATTENTION IF YOU FEEL UNWELL

Keep away from heat, sparks and open flame, hot surfaces-

NO SMOKING

Store in a cool dry approved area

Dispose of content/container in accordance with local/regional/national and international regulations

Section 3: Composition/Information on Ingredients

Chemicals have been withheld for trade secret and proprietary information purposes.

Section 4: First-Aid Measures

BURN: Wash affected area.

Skin: Wash with soap and water. Get medical attention if irritation develops

EYE: Flush eyes with water for several minutes.

RESPIRATORY: Move to fresh air and consult physician.

INGESTION: DO NOT INDUCE VOMITING, Contact poison control

ACUTE OR CHRONIC EXPOSURE: Seek medical attention immediately

SEEK MEDICAL ATTENTION IF YOU FEEL UNWELL

Section 5: Fire-Fighting Measures

Extinguishing Media: : Talc, dry sand, "D" Flammable Metals extinguisher, never use water or other liquids.

Special Fire Fighting Procedures: : Smother fire with extinguishing medium and allow to burn out. Protect eyes & skin. Can spatter or explode if contacted by water or moisture. Do not use CO2 extinguishers.

Unusual Fire and Explosion Hazards: : Suspended dust is explosive in air. Can ignite spontaneously when damp. Dust can be ignited by electric spark. When mixed with corresponding "A" powder, resulting mix is explosive and sensitive to heat, spark or flame.

Section 6: Accidental Release Measures

Personal precautions: Use personal protective equipment. Avoid breathing vapors, mist, or gas. Ensure adequate ventilation

Methods and materials for containment and cleanup: Clean spills in a manner that does not disperse dust into the air

Section 7: Handling and Storage

Do not alter device. Do not remove from protective package until ready to use.

Do not handle until all safety precautions have been read and understood.

Use personal protection recommended in Section 8. Do not eat, drink or smoke when using this product.

Use only in well-ventilated areas. Keep away from heat/sparks/open flames/hot surfaces. No smoking.

All storage magazines must be safely located, or approved design and securely locked. Do not store improperly with other explosives (severe physical injury or death may occur from ignition). Store in accordance with all state, local, and federal regulations.

Keep shipping and storage containers in cool, dry place. Do not crush, abrade, or subject these items to shock. Avoid open flames, smoking, and temperatures above 120F

Section 8: Exposure Controls/ Personal Protection

Respiratory Protection: None

Ventilation: N/A

Mechanical: N/A

Local Exhaust: N/A

Special: N/A

Other: N/A

Protective Gloves: N/A

Eye Protection: Safety Glasses should be worn at all times for Pyrotechnic Operation

Other Protective Clothing and Equipment: Wearing at least 60% cotton clothing is recommended.

Work/Hygienic Practices: No smoking in the vicinity of item. Keep away from food. Wash hands

thoroughly before eating or smoking.

Exposure Limits: N/A

Section 9: Physical and Chemical Properties

Appearance: Gray powder containing silvery flakes. No odor

Upper/Lower flammability or explosive limits: N/A

Odor: no odor

Vapor Pressure: N/A

Odor Threshold: N/A

Vapor Density : N/A

pH: N/A

Relative Density: N/A

Melting Point/Freezing Point: N/A

Solubility(ies): Not soluble

Initial Boiling Point: N/A

Flash Point: N/A

Evaporation Rate: N/A

Flammability: N/A

Upper/Lower flammability or explosive limits: N/A

Vapor Pressure: N/A

Vapor Density: N/A

Partition coefficient: n-octanol/water: N/A

Auto-ignition Temperature: N/A

Viscosity: N/A

Section 10: Stability and Reactivity

Stability: Stable

Conditions to Avoid: Storage at temperatures above 120° F. Avoid friction, shock, open flames, smoking or ignition sources including sparks, and static discharges.

Incompatibility (Materials to Avoid): Heat, water, moisture, strong oxidizers, sulfur, organic oxides, halides or carbonates

Hazardous Decomposition or Byproducts: Explosive hydrogen if exposed for long periods to water, acids, or alkalis

Hazardous Polymerization: Will not occur

Section 11: Toxicological Information

Routes of Entry: Inhalation. Ingestion, skin contact, inhalation,

Toxicity to Animals: Not available

Chronic Effects on Humans: Inhalation of dust can cause metal fume fever. Particles of Magnesium imbedded in skin can cause lesions which may become gangrenous and heal slowly. Principal hazards are from burns or reactions from other substances.

Other Toxic Effects on Humans: N/A

Special Remarks on Toxicity to Animals: Not available

Special Remarks on Chronic Effects on Humans: Not available

Special Remarks on other Toxic Effects on Humans: Not available

Acute Potential Health Effects: N/A

Section 12: Ecological Information

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation: Not Available

Toxicity of the Products of Biodegradation: Not available.

Special Remarks on the Products of Biodegradation: Not available

Section 13: Disposal Considerations

Waste disposal: Dispose of by burning in compliance with state and local regulations. Small amounts may be flushed to sewer with water. Dispose of in accordance with all state, local, and federal regulations.

Steps to be taken in case material is released or spilled: No smoking or open flames in vicinity of spilled items. Carefully pick up and place material in cardboard container. Sweep up any exposed chemical composition with a natural fiber brush. Dust may be flushed to sewer with water. Move from spill area.

Section 14: Transport Information

DOT Classification: UN1418, 4.3

Identification: Magnesium

Special Provisions for Transport: Not available

Section 15: Other Regulatory Information

Other regulatory information: N/A

Section 16: Other Information

References: Not available

Other Special Considerations: Not available

Created: 03/25/2015

The information above is believed to be accurate and represents the best information currently available to us.

All Pyrotechnics should be used and handled with extreme caution, in accordance with all relevant regulations and codes only by experienced professional Pyrotechnicians.