

Section 1: Identification

Product Name: **Electric Match (ALL)**
including but not limited to; BGZD, Flash, Shock Tube igniter, igniters

Recommended use: Electric ignition

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: Flood with water if a small number of pieces are involved.

Special Fire Fighting Procedures: Do not use suffocation method; device contains its own oxygen. If large quantities are involved, allow them to burn and prevent spread of fire.

Unusual Fire and Explosion Hazards: Items will burn rapidly in the event of ignition, and items may become airborne if not secured or contained.

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: Article appears as a small phenolic wafer with composition on the tip and soldered to lead wires. Color of match varies from type: BGZD is blue-green in color, Shock Tube Initiator is red-pink in color, Flash Match is purple in color.

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): Slight. Article has water resistant coating

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, strong RF fields and static discharges. Items may deteriorate over time,

dispose of items that exceed the Use By Date.

Incompatibility (Materials to Avoid): Exposure to water may cause item to deteriorate

Hazardous Decomposition or Byproducts: Smoke, oxides, chlorides, and other gaseous and solid particulates

Hazardous Polymerization: Will not occur

Section 11: Toxicological Information

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

Toxicity to Animals: Not available

Chronic Effects on Humans: Exposure to finished items does not pose a health hazard. During function, the gases and smoke created may cause respiratory irritation if inhaled in large amounts. Device may cause thermal burns if used improperly.

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: Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Steps to be taken in case material is released or spilled: No smoking or open flames in vicinity of broken or spilled items. Carefully pick up and place spilled items in container. Sweep up any exposed chemical composition with a natural fiber brush.

Section 14: Transport Information

DOT Classification: UNO454, 1.4S

Identification: Igniters

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.

