



704 South 10th Street, P.O. Box 610, Blue Springs, Missouri 64013-0610

HAZARDOUS CHEMICAL MATERIAL SAFETY DATA SHEET

(Conforms to the requirements of 29 CFR 1910.1200)

- I. PRODUCT IDENTITY: Cartridges, power device 1 . 4s UN0323 P.G. II
(Cartridge Assembly P/N 074055, EX9609043)
Fike P/N 70-1651
Fike P/N 02-4134

THIS UNIT IS NOT USER SERVICEABLE. DO NOT ATTEMPT DISASSEMBLING

Fike Protection Systems
704 S. 10th Street
Blue Springs, MO 64013-0610

24 HOUR EMERGENCY PHONE #
Chemtrec
1-800-424-9300

Prepared by E. Charles Ellis

Material (s) described is/are: Electro-Pyrotechnic device and by-products of initiation. Net reactive material content - 1.5 grams each

II HAZARDOUS INGREDIENTS AND EXPOSURE LIMITS: N/A

Chemical and common name of Hazardous chemical ingredients:

	CAS. No.
Nitroglycerin	0055-83-0
Nitrocellulose	9004-70-0
Potassium Perchlorate	7778-74-7
Lead Thiocyanate	592-87-0

III. PHYSICAL AND CHEMICAL CHARACTERISTICS

Boiling point: N/A
Solubility in water: negligible
Specific gravity: N/A
Vapor Pressure : N/D
% Volatile: NIL

IV. FIRE, EXPLOSION AND REACTIVITY HAZARD DATA

DANGER Extremely Flammable --EXPLOSIVE-- Keep away from heat and keep shunted

Flash point Flammable limits

Auto-ignition Temperature 325°F

Extinguisher Media Dry, Chemical extinguisher

Special Fire-Fighting procedures: None

Grounding Procedure: Insure that the device is shunted and handlers are grounded



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Stability Considerations: None

Incompatibility: Shock, flame, friction, temperature high heat and static sources.

Hazardous decomposition products: None

Hazardous products of combustion: High temperature flame, carbon monoxide, carbon dioxide of nitrogen oxides, hydrogen chloride, and barium oxides.

Hazardous Polymerization: None

V. HEALTH HAZARD DATA:

Emergency and First Aid Procedure:

Treat burns and any laceration by cleaning and applying sterile bandages. Transport individual for further medical treatment.

Primary Route of Entry: Inhalation of gas after initiation

Cancer Information: None

Reported effects on Humans: Respiratory irritant

Other: None

VI SPILL AND LEAK PROCEDURES:

Steps to be taken if material is spilled: (applies only if cartridge is ruptured)

Clean spill after liberally wetting down with solvent (acetone, Butyl Acetate or alcohol) by wiping material up with paper towels or with a cotton rag. Do not use rag of synthetic materials that may generate static charge build up. Keep a fire extinguisher present.

Waste Disposal Method:

Disposal must be in accordance with local, state, and Federal regulations. Call Fike Protection Systems for assistance, if needed.

VII. APPLICABLE CONTROL MEASURES:

Appropriate Hygienic Practices: N/A

Personal Protective Equipment: Safety glasses and grounding devices (ground straps and/or conductive footwear). When firefighting, wear NIOSH approved gas respirator.

Work Practices: Avoid high temperatures. Keep the cartridge shunted and wear protective equipment.

Handling and Storage Precaution: Recommended storage, 70°F., keep shunted.



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Protective Measures during Repair and Maintenance: Eliminate static discharge sources. Avoid flame or high heat. Shield device when working with it. Shunt across proper pairs of bridge wires prior to removal from system.

DISCLAIMER:

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