



Safety Fuse
MATERIAL SAFETY DATA SHEET
July 2011

The following item is
distributed by Hodgdon Powder Company.

SAFETY FUSE

 Material Safety Data Sheet		U.S. Department of Labor	
May be used to comply with		Occupational Safety and Health Administration	
OSHA's Hazard Communication Standard,		(Non-Mandatory Form)	
29 CFR 1910.1200. Standard must be		Form Approved	
consulted for specific requirements.		OMB No. 1218-0072	
IDENTITY (As Used on Label and List) Safety, Fuse		Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.	

Section I

Manufacturer's Name INTERNATIONAL FIREWORKS MFG. CO.	Emergency Telephone Number 610-385-3086
Address (Number, Street, City, State, and ZIP Code) P.O. Box 6	Telephone Number for Information 610-385-3086
242 Sycamore Rd	Date Prepared 1/7/2010
Douglasville, PA 19518	Signature of Preparer (optional)

Section II - Hazard Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended % (optional)
Black Powder- (Potassium Nitrate, Charcoal, Sulfur)			

Note: The black powder is enclosed in thread wrapping and coated with a water resistant lacquer. No pyrotechnic composition is exposed.

Safety Fuse is classed as a 1.4S explosive by D.O.T.

Section III - Physical/Chemical Characteristics

Boiling Point	NA	Specific Gravity (H ₂ O = 1)	NA
Vapor Pressure (mm Hg.)	NA	Melting Point	NA
Vapor Density (AIR = 1)	NA	Evaporation Rate (Butyl Acetate = 1)	NA
Solubility in Water SLIGHT			
Twisted thread coated with green, red or clear lacquer.			

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) Ignition temperature 330°C	Flammable Limits NA	LEL NA	UEL NA
Extinguishing Media Flood with water			
Special Fire Fighting Procedures Suffocation methods will not work. Do not confine bulk amounts of burning fuse. Allow it to burn in the open.			
Unusual Fire and Explosion Hazards The end of a section of fuse can be ignited by a match, cigarette or other burning object.			

Section V - Reactivity Data

Stability	Unstable	Conditions to Avoid NO SMOKING OR OPEN FLAMES IN VICINITY OF REELS OF FUSE
	Stable X	
Incompatibility (Materials to Avoid) Explosive materials		
Hazardous Decomposition or Byproducts burning fuse produces carbon dioxide & some carbon monoxide		
Hazardous Polymerization	May Occur	Conditions to Avoid
	Will Not Occur X	

Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation? NO	Skin? NO	Ingestion? NO
Health Hazards (Acute and Chronic) there is no exposed chemical composition			
Carcinogenicity:	NTP? NO	IARC Monographs? NO	OSHA Regulated? NO
Signs and Symptoms of Exposure NA			
Medical Conditions Generally Aggravated by Exposure NA			
Emergency and First Aid Procedures NA			

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled –

Fuse can be picked up and rewound. Avoid smoking or open flames in the vicinity of any fuse.

Waste Disposal Method

burn in compliance with federal, state and local regulations.

Precautions to Be taken in Handling and Storing

Avoid smoking or open flames. Keep fuse dry to avoid proper functioning.

Other Precautions

NONE

Section VIII - Control Measures

Respiratory Protection (*Specify Type*)

NONE REQUIRED WHEN HANDLING FINISHED FIREWORKS

Ventilation

Local Exhaust

NA

Special

NA

Mechanical (*General*)

NA

Other

NA

Protective Gloves NA

Eye Protection

NA

Other Protective Clothing or Equipment

NA

Work/Hygienic Practices

No smoking matches or flames in the vicinity of fuse.