

Material Safety Data Sheet

May be used to comply with
 OSHA's Hazard Communication Standard,
 29 CFR 1910.1200. Standard must be
 consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration
 (Non-Mandatory Form)
 Form Approved
 OMB No. 1218-0072

IDENTITY (As Used on Label and List) Fireworks, 1.3G, UN0335, PGII		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 (Fill in)		Emergency Telephone Number (fill in)		
Address (Number Street, City, State, ZIP) (Fill in)		Telephone Number for Information (fill in)		
		Date Prepared 11/4/2004		
		Signature of Preparer (optional)		
Section II – Hazardous Ingredients/Identity Information				
Hazardous Components (Specific Chemical Identity: Common Name(s))		OSHA PEL	ACGIH TLV	Other Limits Recommended % (optional)
Contains explosive and pyrotechnic compositions. - These items are classified as Fireworks, 1.3G, UN0335, PGII by DOT.				
No chemical components are released during normal handling and storage of shells.				
Section III – Physical/Chemical Characteristics				
Boiling Point	n/a	Specific Gravity (H ₂ O = 1)		n/a
Vapor Pressure (mm Hg)	n/a	Melting Point		n/a
Vapor Density (AIR = 1)	n/a	Evaporation Rate (Butyl Acetate = 1)		n/a
Solubility in Water Slight				
Appearance and Odor All chemical composition is contained in hard cardboard or plastic casing.				
Section IV – Fire and Explosion Hazard Data				
Flash Point (Method Used) n/a		Flammable Limits n/a	LEL n/a	UEL n/a
Extinguishing Media Do not attempt to fight fire in vicinity of display fireworks - evacuate area.				
Special Fire Fighting Procedures Evacuate fire area immediately and seek shelter. Follow established emergency action plan.				
Unusual Fire and Explosion Hazards Display fireworks may mass explode in a fire situation.				

Section V – Reactivity Data

Stability	Unstable	<input type="checkbox"/>	Conditions to Avoid No open flames, smoking, or moisture in vicinity of stored fireworks.
	Stable	<input checked="" type="checkbox"/>	Avoid friction or impact.
Incompatibility (Materials to Avoid) Do not allow fireworks to get wet.			
Hazardous Decomposition or Byproducts Smoke generated during use of devices may contain small amounts of carbon monoxide, hydrogen sulfide, and nitrogen oxides. Avoid prolonged inhalation.			
Hazardous Polymerization	May Occur	<input type="checkbox"/>	Conditions to Avoid
	Will Not Occur	<input checked="" type="checkbox"/>	

Section VI – Health Hazard Data

Route(s) of Entry:	Inhalation? <input checked="" type="checkbox"/>	Skin? <input type="checkbox"/>	Ingestion? <input type="checkbox"/>
Health Hazards (Acute and Chronic) No chemical components are released during normal handling of shells. However, ground level smoke generated during shooting of public displays may contain gasses which may cause irritation of eyes or mucous membrane. Prolonged inhalation of smoke should be avoided.			
Carcinogenicity: No	NTP? No	IARC Monographs? No	OSHA Regulated? No
Signs and Symptoms of Exposure Prolonged exposure to smoke generated during shooting of shells may cause shortness of breath and irritation of eyes and mucous membranes.			
Medical Conditions Generally Aggravated by Exposure	Persons with pre-existing respiratory conditions (i.e. asthma, emphysema, etc.) should avoid inhalation of smoke.		
Emergency and First Aid Procedures Move to fresh air and avoid further exposure to smoke.			

Section VII – Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled Absolutely no smoking or open flames in vicinity of spilled material. Carefully pick up and place spilled item in cardboard cartons. Sweep up any exposed chemical composition with a natural fiber brush.
Waste Disposal Method Soak any exposed chemical composition with water, sweep up with natural fiber brush and dispose of by burning in compliance with local, state, and federal regulations.
Precautions to Be Taken in Handling and Storing Keep fireworks cool and dry. Avoid impact with shipping cartons. Absolutely no smoking in vicinity of fireworks.
Other Precautions None

Section VIII – Control Measures

Respiratory Protection (Safety Type) None required when handling finished items.		
Ventilation	Local Exhaust n/a	Special n/a
	Mechanical (General) n/a	Other n/a
Protective Gloves None required	Eye Protection n/a	
Other Protective Clothing or Equipment n/a		
Work/Hygienic Practices No smoking in vicinity of fireworks.		