



7227 W. Wilson Ave.
 Harwood Heights, IL. 60706
 Phone: (708) 867-3100
 Fax: (708) 867-1103

MATERIAL SAFETY DATA SHEET

SECTION 1 — PRODUCT AND COMPANY IDENTIFICATION

Product Identifier 56P40		[WHMIS Classification]	
Product Use Stroboscopic Flash Lamp			
Manufacturer's Name Advanced Strobe Products, Inc.		Supplier's Name	
Street Address 7227 W. Wilson Ave.		Street Address	
City Harwood Heights, IL	Province	City	Province
Postal Code 60706	Emergency Telephone	Postal Code	Emergency Telephone
Date MSDS Prepared 05-13-15	MSDS Prepared By K. Beres	Phone Number 708 867 3100	

SECTION 2 — COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients (<i>specific</i>)	%	CAS Number	LD ₅₀ of Ingredient (<i>specify species and route</i>)	LC ₅₀ of Ingredient (<i>specify species</i>)
Tungsten Powder		7440-33-7	Intraperitoneal Rat 5gm/kg	
Borosilicate Glass		65997-17-3	Not classified	
Xenon Gas		7440-63-3	Not classified	
Nickel Wire		7440-02 0	Not classified	

SECTION 3 — HAZARDS IDENTIFICATION

Route of Entry <input type="checkbox"/> Skin Contact <input type="checkbox"/> Skin Absorption <input type="checkbox"/> Eye Contact <input type="checkbox"/> Inhalation <input type="checkbox"/> Ingestion
[Emergency Overview]
[WHMIS Symbols] Xenon Gas: Class A=Compressed Gas Potential Health Effects Tungsten Powder: Tetralogenic Effects: Possible reproductive effector . Xenon Gas: Simpler Asphixiant (SA) No Fire Hazard. No Combustible hazard.
Ni Wire : None
Borosilicate glass : Dusts of this product may cause irritation of the nose, throat, and respiratory tract. When large amounts of dust are inhaled damage to the lung can occur.

SECTION 4 — FIRST AID MEASURES

Skin Contact Not applicable, no known hazards for all materials in the assembled form.
Eye Contact Not applicable, no known hazards for all materials in the assembled form.
Inhalation Not applicable, no known hazards for all materials in the assembled form.
Ingestion Not applicable, no known hazards for all materials in the assembled form.



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Product Identifier- 2 -

SECTION 5 — FIRE FIGHTING MEASURES

Flammable <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		If yes, under which conditions?	
Means of Extinction N/A			
Flashpoint (° C) and Method N/A		Upper Flammable Limit (% by volume) N/A	Lower Flammable Limit (% by volume) N/A
Autoignition Temperature (°C) N/A		Explosion Data — Sensitivity to Impact N/A	Explosion Data — Sensitivity to Static Discharge N/A
Hazardous Combustion Products N/A			
[NFPA]			

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Leak and Spill Procedures N/A

SECTION 7 — HANDLING AND STORAGE

Handling Procedures and Equipment
Storage Requirements
Keep in a dry place.

SECTION 8 — EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Limits <input type="checkbox"/> ACGIH TLV <input type="checkbox"/> OSHA PEL <input type="checkbox"/> Other (specify)
Specific Engineering Controls (such as ventilation, enclosed process) N/A
Personal Protective Equipment <input type="checkbox"/> Gloves <input type="checkbox"/> Respirator <input type="checkbox"/> Eye <input type="checkbox"/> Footwear <input type="checkbox"/> Clothing <input type="checkbox"/> Other
If checked, please specify type



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Product Identifier- 3 -

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Physical State N/A	Odour and Appearance N/A	Odour Threshold (ppm) N/A
Specific Gravity N/A	Vapour Density (air = 1) N/A	Vapour Pressure (mmHg) N/A
Evaporation Rate N/A	Boiling Point (° C) N/A	Freezing Point (° C) N/A
pH N/A	Coefficient of Water/Oil Distribution N/A	[Solubility in Water] N/A

SECTION 10 — STABILITY AND REACTIVITY

Chemical Stability N/A <input type="checkbox"/> Yes <input type="checkbox"/> No	If no, under which conditions?
Incompatibility with Other Substances N/A <input type="checkbox"/> Yes <input type="checkbox"/> No	If yes, which ones? N/A

Reactivity, and under what conditions?

N/A

Hazardous Decomposition Products

N/A



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SECTION 11 — TOXICOLOGICAL INFORMATION

Effects of Acute Exposure
None

Effects of chronic exposure
None

Irritancy of Product

Skin sensitization None	Respiratory sensitization
Carcinogenicity-IARC None	Carcinogenicity - ACGIH
Reproductive toxicity Tungsten: Possible effector in original powder form.	Teratogenicity: Reproductive effector in original powder form.
Embrototoxicity	Mutagenicity Tungsten (in original powder form) No data available.

Name of synergistic products/effects

Product Identifier- 4 -

SECTION 12 — ECOLOGICAL INFORMATION

[Aquatic Toxicity]
No data available.

SECTION 13 — DISPOSAL CONSIDERATIONS

Waste Disposal
Dispose of according to local state and federal regulations.



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SECTION 14 — TRANSPORT INFORMATION

Special Shipping Information

None

PIN

TDG

[DOT]

[IMO]

[ICAO]

SECTION 15 — REGULATORY INFORMATION

[WHMIS Classification]

Manufactured article

[OSHA]

[SERA]

[TSCA]

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by CPR.

SECTION 16 — OTHER INFORMATION

Information given is of the original materials used in the flashlamp assembly. In the case of tungsten, Powder (original state) information is given which has a larger health hazard than the Sintered dolid Tungsten Pellet.