



ELECTRO-TECHNIC PRODUCTS INC.

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TELEPHONE: 1-773-561-2349

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MATERIAL SAFETY DATA SHEET

IDENTITY: **Spectrum Tube, Xenon (ETP Product No. 21502)**

SECTION I

MANUFACTURER: **Electro-Technic Products, Inc.** EMERGENCY TELEPHONE NUMBER **773-561-2349**

ADDRESS **4642 N. Ravenswood Ave.
Chicago, IL 60640-4510** TELEPHONE FOR INFORMATION **773-561-2349**
FAX NUMBER FOR INFORMATION **773-561-3130**

DATE PREPARED **August 1, 2012**

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS COMPONENT	OSHA PEL	ACGIH TLV	OTHER LIMITS	% (OPT)
	None	None	None	

SECTION III - PHYSICAL AND CHEMICAL CHARACTERISTICS

BOILING POINT **-108.1 °C** SPECIFIC VOLUME (1 ATM, 21.1 °C) **0.181 m³/kg**

VAPOR PRESSURE (Torr) **Does not apply** MELTING POINT (°C) **Does not apply**

VAPOR DENSITY (AIR=1) **4.553 @ 1 ATM, 0 °C** EVAPORATION RATE (BUTYL ACETATE=1) **Does not apply**

SOLUBILITY IN WATER **123.6 cm³/kg @ 1 ATM, 20 °C** APPEARANCE AND ODOR **Colorless, odorless gas**

SECTION IV - FIRE AND EXPLOSION DATA

FLASH POINT (METHOD USED) **Does not apply** FLAMMABLE LIMITS LEL UEL **Nonflammable**

EXTINGUISHING MEDIA **Does not apply**

SPECIAL FIRE FIGHTING PROCEDURES **None**

UNUSUAL FIRE AND EXPLOSION HAZARDS **None**

SECTION V - REACTIVITY DATA **Spectrum Tube, Xenon**

STABLE (Y/N) **Y** CONDITIONS TO AVOID **None**

INCOMPATIBILITY (MATERIALS TO AVOID) **None**

HAZARDOUS DECOMPOSITION PRODUCTS **None**

HAZARDOUS POLYMERIZATION (Y/N) **N** CONDITIONS TO AVOID **None**

SECTION VI - HEALTH HAZARD DATA

ROUTES OF ENTRY	INHALATION?	SKIN?	INGESTION?
	No	No	No

HEALTH HAZARDS (ACUTE AND CHRONIC) **None**

CARCINOGENICITY	NTP	IARC MONOGRAPHS	OHSA REGULATED
No	No	No	No

SIGNS AND SYMPTOMS OF EXPOSURE **None**

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE **None**

EMERGENCY AND FIRST AID PROCEDURES **None**

SECTION V11 - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
Clean up broken glass

WASTE DISPOSAL METHOD **Standard**

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING
Sharp glass fragments

OTHER PRECAUTIONS **None**

SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION (TYPE) **None**

VENTILATION:	LOCAL EXHAUST MECHANICAL	SPECIAL OTHER
	None	None

PROTECTIVE GLOVES **No** EYE PROTECTION **Safety goggles**

OTHER PROTECTIVE EQUIPMENT **None**

WORK/HYGIENIC PRACTICES **Normal laboratory procedures**

Leak Testers, Corona Treaters, Science Education Products

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