



ELECTRO-TECHNIC PRODUCTS INC.

4642 N. RAVENSWOOD, CHICAGO, ILLINOIS 60640-4510

TELEPHONE: 1-773-561-2349

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MATERIAL SAFETY DATA SHEET

IDENTITY: **Spectrum Tube, Helium (ETP Product No. 20402)**

SECTION I

MANUFACTURER:

Electro-Technic Products, Inc

ADDRESS

4642 N. Ravenswood Ave.

Chicago, IL60640-4510

EMERGENCY TELEPHONE NUMBER

773-561-2349

TELEPHONE FOR INFORMATION

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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				

SECTION III - PHYSICAL AND CHEMICAL CHARACTERISTICS

BOILING POINT - **268.934 °C** SPECIFIC VOLUME (0 °C, 1 ATM) **0.1785 g/l**

VAPOR PRESSURE (Torr)

Not applicable

MELTING POINT (deg C)

- 272.2 °C (26 ATM)

VAPOR DENSITY (AIR=1)

Not available

EVAPORATION RATE (BUTYL ACETATE=1)

Not available

SOLUBILITY IN WATER

Not available

APPEARANCE AND ODOR

Colorless, odorless gas

SECTION IV - FIRE AND EXPLOSION DATA

FLASH POINT (METHOD USED)

Does not apply, nonflammable

FLAMMABLE LIMITS

LEL

UEL

EXTINGUISHING MEDIA

Does not apply

SPECIAL FIRE FIGHTING PROCEDURES

None

UNUSUAL FIRE AND EXPLOSION HAZARDS

None

SECTION V - REACTIVITY DATA Spectrum Tube, Helium			
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? Yes	SKIN? No	INGESTION? No
HEALTH HAZARDS (ACUTE AND CHRONIC)		None	
CARCINOGENICITY No	NTP No	IARC MONOGRAPHS No	OHSA REGULATED 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/STORING		Sharp glass fragments	
OTHER PRECAUTIONS		None	
SECTION VIII - CONTROL MEASURES			
RESPIRATORY PROTECTION (TYPE)		None	
VENTILATION:	LOCAL EXHAUST MECHANICAL None	SPECIAL OTHER	
PROTECTIVE GLOVES	No	EYE PROTECTION	Safety goggles
OTHER PROTECTIVE EQUIPMENT		None	
WORK/HYGIENIC PRACTICES		Normal laboratory procedures	