SE-9467

ELECTRO-TECHNIC PRODUCTS INC.
4642 N. RAVENSWOOD, CHICAGO, ILLINOIS 60640-4510
PHONE: (773) 561-2349 • FAX: (773) 561-3130

MATERIAL SAFETY DATA SHEET

IDENTITY: Spectrum Tube, Neon (ETP Product No. 20802)

SECTION I

MANUFACTURER: Electro-Technic Products, Inc.	EMERGENCY TELEPHONE NUMBER 773-561-2349
ADDRESS 4642 N. Ravenswood Ave. Chicago, IL 60640-4610	TELEPHONE FOR INFORMATION 773-561-2349 FAX NUMBER FOR INFORMATION 773-561-3130
DATE PREPARED June 30, 2005	

SECTION II – HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

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

SECTION III – PHYSICAL AND CHEMICAL CHARACTERISTICS

BOILING POINT (deg C) -246.6 °C	SPECIFIC VOLUME (@1 ATM, 21.1°C) 1.99 m^3/kg
VAPOR PRESSURE (Torr) Not applicable	MELTING POINT (deg C) -248.67 °C
VAPOR DENSITY (AIR=1) 0.696 @1 ATM, 0 °C	EVAPORATION RATE (BUTYL ACETATE=1) Not applicable
SOLUBILITY IN WATER 14.0 cm^3/kg @ 1 ATM, 20 °C	APPEARANCE AND ODOR Colorless, odorless gas

SECTION IV – FIRE AND EXPLOSION DATA

FLASH POINT (METHOD USED) Nonflammable	FLAMMABLE LIMITS	LEL UEL
EXTINGUISHING MEDIA	Does not apply	
SPECIAL FIRE FIGHTING PROCEDURES	None	
UNUSUAL FIRE AND EXPLOSION HAZARDS	None	

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SECTION V – REACTIVITY DATA Spectrum Tube, Neon

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?
	Yes	No	No

HEALTH HAZARDS (ACUTE AND CHRONIC)		None	
CARCINOGENICITY	NTP	IARC MONOGRAPHS	OSHA REGULATED
No	No	No	No
SIGNS AND SYMPTOMS OF EXPOSURE		None	
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE		None	
EMERGENCY AND FIRST AID PROCEDURES		None	

SECTION VII – 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		SPECIAL	
	MECHANICAL	None	OTHER	None
PROTECTIVE GLOVES	No	EYE PROTECTION		Safety goggles
OTHER PROTECTIVE EQUIPMENT		None		
WORK / HYGENIC PRACTICES		Normal laboratory procedures		