



ELECTRO-TECHNIC PRODUCTS INC.

4642 N. RAVENSWOOD, CHICAGO, ILLINOIS 60640-4510
TELEPHONE: 1-773-561-2349
FAX: 1-773-561-3130

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 **August 1, 2012**

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 **-246.6 °C** SPECIFIC VOLUME (@1 ATM, 21.1 °C) **1.99 m³/kg**

VAPOR PRESSURE (Torr) **Not applicable** MELTING POINT **-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 cm³/kg @ 1 ATM, 20 °C	APPEARANCE AND ODOR Colorless, odorless gas
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SECTION IV – FIRE AND EXPLOSION DATA **Spectrum Tube, Neon**

FLASH POINT (METHOD USED)	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

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	OSHA REGULATED 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
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OTHER PROTECTIVE EQUIPMENT **None**

WORK / HYGENIC PRACTICES **Normal laboratory procedures**

Leak Testers, Corona Treaters, Science Education Products

web site: www.electrotechnicproduct.com

e-mail: sales@electrotechnicproduct.com