SE-9461

MATERIAL SAFETY DATA SHEET

IDENTITY: Spectrum Tube, Hydrogen (ETP Product No. 20502)

MANUFACTURER: Electro-Technic Products, Inc.	EMERGENCY TELEPHONE NUMBER 312-561-2349			
ADDRESS 4642 N. Ravenswood Ave. Chicago, IL	TELEPHONE FOR INFORMATION 312-561-2349			
60640-4592	FAX NUMBER FOR INFORMATION 312-561-3130			
DATE PREPARED August 7, 1989				
SECTION II - HAZARDOUS INGREDIENT	rs/identity information			
HAZARDOUS OSHA TWA ACGIH COMPONENT	TWA OTHER LIMITS % (OPT			
Hydrogen(H ₂) None establishe	đ			
SECTION III - PHYSICAL AND CHEMIC	CAL CHARACTERISTICS			
SPECIFIC VOLUME (@ 1 ATM, 21.1 252.8 °C 11.967 m ³ /kg				
	CTING POINT (deg C)			
	PORATION RATE (BUTYL ACETATE=			
VAPOR DENSITY (AIR=1) EVA 0.0695 @ 1 ATM, 25 °C Not	APORATION RATE (BUTYL ACETATE= applicable			
0.0695 @ 1 ATM, 25 °C Not	E applicable			
0.0695 @ 1 ATM, 25 °C Not SOLUBILITY IN WATER APP	PEARANCE AND ODOR lorless, odorless gas			
0.0695 @ 1 ATM, 25 °C Not SOLUBILITY IN WATER API 18.02 cm ³ /kg water,1 ATM,20°C Co SECTION IV - FIRE AND EXPLOSION I FLASH POINT (METHOD USED) FLAN	PEARANCE AND ODOR lorless, odorless gas			
0.0695 @ 1 ATM, 25 °C Not SOLUBILITY IN WATER API 18.02 cm ³ /kg water,1 ATM,20°C Co SECTION IV - FIRE AND EXPLOSION I FLASH POINT (METHOD USED) FLAN	E applicable PEARANCE AND ODOR lorless, odorless gas DATA MABLE LIMITS LEL UE 75% by volume			

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SECTION V - REACTI	VITY DATA Spe	ctrum Tube, Hyd	rogen
STABLE (Y/N) Y	CONDITIONS TO	And the second s	ng agents
INCOMPATIBILITY (M			dizing agents
HAZARDOUS DECOMPOS		None	and agenes
HAZARDOUS POLYMERI	ZATION (Y/N) N	CONDITIONS T	O AVOID None
And the second of the second o			o hvoib hone
SECTION VI - HEALTI	H HAZARD DATA		
ROUTES OF ENTRY	INHALATION? Yes	SKIN? No	INGESTION?
HEALTH HAZARDS (ACT	UTE AND CHRONIC) None	
CARCINOGENICITY No	NTP IAR	C MONOGRAPHS	OHSA REGULATEI
SIGNS AND SYMPTOMS	OF EXPOSURE	None	
MEDICAL CONDITIONS	AGGRAVATED BY	EXPOSURE None	
EMERGENCY AND FIRST	F AID PROCEDURE	S None	
SECTION V11 - PRECA	AUTIONS FOR SAF	E HANDLING AND U	JSE
STEPS TO BE TAKEN I	IN CASE MATERIA	L IS RELEASED OF	R SPILLED
WASTE DISPOSAL METH	IOD Standard	The second secon	
PRECAUTIONS TO BE T Sharp glass fragmen	AKEN IN HANDLIN	NG AND STORING	
OTHER PRECAUTIONS	None		
SECTION VIII - CONT	ROL MEASURES		
RESPIRATORY PROTECT	ION (TYPE) No	one	
VENTILATION: LOCAL MECHAN		SPECIAL OTHER N	one