

Technical Information
Material Safety Data Sheet

SDT-132D_03E

SECTION 1		CHEMICAL PRODUCT AND COMPANY IDENTIFICATION	
MANUFACTURE'S NAME GASTEC CORPORATION	TELEPHONE NUMBER +81-467-79-3910	FACSIMILE NUMBER +81-467-79-3979	
ADDRESS 8-8-6 Fukayanaka, Ayase-City, Kanagawa 252-1195, Japan			
REFERENCE NUMBER SDT-132D_03E		DATE PREPARED May 31, 2006	
PRODUCT NAME	Passive Dosimeter Tube Trichloroethylene Dosi-Tube No.132D		
SECTION 2		COMPOSITION/INFORMATION ON INGREDIENTS	
Porous Silica Gel (1.1g) impregnated with Sulfuric Acid (5-15%) and Lead Dioxide (<5%) in a glass tube.			
SECTION 3		HAZARDOUS IDENTIFICATION	
Not applicable			
SECTION 4		FIRST AID MEASURES	
Eye contact:	Wash eyes immediately with plenty of water for at least 15 minutes and see a doctor.		
Skin contact:	Wash affected area immediately with soap and plenty of water.		
Inhalation:	Not applicable		
Ingestion:	Rinse mouth immediately and see a doctor.		
SECTION 5		FIRE FIGHTING MEASURES	
None			
SECTION 6		ACCIDENTAL RELEASE MEASURES	
Not applicable			
SECTION 7		HANDLING AND STORAGE	
When breaking off the tube ends, keep away from eyes. Broken glass tubes should not be picked up with bare hands. Tubes should be stored in a refrigerator.			
SECTION 8		EXPOSURE PROTECTION	
Not applicable			

SECTION 9	PHYSICAL AND CHEMICAL PROPERTIES
Lead dioxide, Sulfuric acid:	
Flash point:	Not available
Autoignition point:	Not available
SECTION 10	STABILITY AND REACTIVITY
Lead dioxide:	
Stability:	Stable. Oxygen is emitted when heated.
Reactivity:	Not available
Condition to avoid:	Sunlight, Heat
Hazardous decomposition product:	Lead chloride and trilead tetroxide may be formed.
Sulfuric acid:	
Stability:	Stable. Absorb moisture powerfully from the air.
Reactivity:	React violently with water to evolve heat and may spatter. Bite into metals and concrete caused by oxidation. Carbonize to flammable organic materials.
Condition to avoid:	Sunlight, Heat, Moisture
Material to avoid:	Organic materials, Reducing agents, Metals
Hazardous decomposition product:	Sulfur oxides may be formed
SECTION 11	TOXICOLOGICAL INFORMATION
Lead dioxide:	
Acute toxicity data:	LD50 (ip, cavy): 220mg/kg (RTECS)
Irritation data:	Not available
Mutagenicity:	Not available
Carcinogen:	IARC: Possibility human carcinogen (Group 2B) JSOH: Possibility human carcinogen (Group 2B) (no sufficient basis)
Sulfuric acid:	
Acute toxicity data:	LD50 (orl, rat): 2140mg/kg LC50 (ihl, cavy): 18mg/m ³
Irritation data:	Eye; rabbit; 1380 μg; severe
Mutagenicity:	Not available
Carcinogen:	Not available
SECTION 12	ECOLOGICAL INFORMATION
Not available	
SECTION 13	DISPOSAL CONSIDERATION
This tube contains 13.86 mg of lead. Dispose of in accordance with all applicable laws and regulations. (Contact local environmental agency for specific rules.)	
SECTION 14	TRANSPORT INFORMATION
Breakage of tubes caused by drops, high pressure or bends should be avoided.	
SECTION 15	REGULATORY INFORMATION
Not applicable	
SECTION 16	OTHER INFORMATION
No specific notes	