



TELLURIUM MATERIAL SAFETY DATA SHEET

EFFECTS OF OVEREXPOSURE (acute and chronic):

INHALATION: Headache, drowsiness, metallic taste, loss of appetite, nausea suppression of sweat and garlic odor to breath (garlic odor may occur at exposures above 0.01mg/m3).

DERMAL/EYE: Irritation, may cause dermatitis.

INGESTION: ND

OTHER: Chronic exposure symptoms are drowsiness, nausea, loss of appetite, and gastric disturbances. Chronic exposure to Te may damage liver, kidney and brain cells. Material is considered a teratogen.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Previous skin & eye disorders.

CARCINOGENICITY: No NTP: No IARC MONOGRAPHS: No OSHA REGULATE: No

EMERGENCY FIRST AID PROCEDURES:

INGESTION: Administer 2 glasses of water and induce vomiting, seek medical attention.

INHALATION: Remove to fresh air, seek medical attention

SKIN CONTACT: Wash affected area warm water and mild soap.

EYE CONTACT: Flush eyes for at least 15 minutes with lukewarm water, seek medical.

REACTIVITY DATA

STABILITY	Stable
CONDITIONS CONTRIBUTING TO UNSTABILITY	None
INCOMPATIBILITY (MATERIALS TO AVOID)	Halogens, interhalogens, powdered
metals, Li6Si2, silver iodate, acids, Al, Zn, Fe+acids),	sodium and silver bromate.
HAZARDOUS DECOMPOSITION PRODUCTS	TeOX, H2, H2Te
HAZARDOUD POLYMERZATION	Will Not Occur
CONDITIONS TO AVOID	Incompatible materials

SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Wear self-contained breathing apparatus and full protective clothing, vacuum spill and place in container for proper disposal. Take care not to raise dust.

WASTE DISPOSAL METHOD:

Consult federal, state and local regulations for proper disposal.



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SPECIAL PROTECTIVE INFORMATION

RESPIRATORY PROTECTION	NIOSH approved dust-mist-fume respirator
LOCAL EXHAUST	Maintain below TLV
MECHANICAL (general)	Not recommended
OTHER PROTECTIVE CLOTHING	Recommended to prevent skin and clothing contamination.
PROTECTIVE GLOVES	Neoprene
EYE PROTECTION	Safety glasses

SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING/STORAGE:

Store in tightly closed container, store away from heat and incompatible materials, wash hands and face thoroughly after handling and before meals.

TRANSPORTATION REQUIREMENTS	DOT CLASS:	Not Classified
	UN NUMBER:	NC
	IMCO CLASS:	NC
	OTHER:	----
PRECAUTIONARY LABELING	NONE	

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NA= NOT APPLICABLE

ND= NO DATA FOUND