

materials are not known to be reproductive toxins, teratogens, or mutagens.

Section 4. First Aid Measures

INHALATION: Remove to fresh air, give oxygen and call a physician.

EYE CONTACT: Flush with water for 20 minutes. Contact physician if irritation persists.

SKIN CONTACT: wash thoroughly with soap and water. Contact physician if irritation persists

INGESTION: Induce vomiting in a conscious person. Contact physician immediately.

NOTE TO PHYSICIAN: Not Applicable

Section 5. Fire Fighting Measures

FLAMMABLE PROPERTIES: Not Applicable **FLASHPOINT METHOD USED:** Not Applicable

FLAMMABLE LIMITS Not Applicable :

EXTINGUISHING MEDIA: CLASS D FIRE. USE DRY POWDER, DRY SAND, OR CO₂ TO SMOTHER FIRE. FIRE MAY ALSO BE ISOLATED AND ALLOWED TO BURN ITSELF OUT. DO NOT DISTURB METAL WHILE EXTINGUISHING THE FIRE.

FIRE & EXPLOSION HAZARDS: Te/Mn/Fe is not combustible. When suspended in air, dust of manganese metal can be ignited, will propagate flame readily, and may generate considerable pressure and/or a mild explosion. Avoid generating sparks or ignition sources in areas of high airborne dust levels or in areas with accumulated dust. The degree of combustibility in air is dependent upon particle size, oxide coating, and quality of dispersion. The hazard increases with particle fineness. Thoroughly clean areas or equipment to be maintained prior to dust disturbing or ignition source generation activities.

FIRE FIGHTING INSTRUCTIONS: Firefighters should wear positive-pressure self-contained breathing apparatus (SCUBA) and wear full protective clothing. Use dry powder, dry sand, or CO₂ to smother fire. Fire may also be isolated and allowed to burn itself out if this can be done without additional risk. Do not disturb metal while extinguishing the fire. Never use water on fire involving molten metal.

FIRE FIGHTING EQUIPMENT: Firefighters should wear positive-pressure self-contained breathing apparatus (SCUBA) and wear full protective clothing.

Section 6. Accidental Release Measures

Clean up minimizing dust generation by vacuuming or wet sweeping. Place in suitable container for return to vendor for reclaim.

Section 7. Handling and Storage

There is no deterioration on storage. Fine powders tend to be hygroscopic and should be kept under seal to prevent Picking up moisture

No tobacco, food or drink in the work area Wash thoroughly before eating to avoid accidental ingestion or inhalation of alloy. Shower and change clothes at end of shift. Do not wear contaminated clothing home.

Do not use compressed air to clean dust

STORAGE: Store in cool, dry, well-ventilated areas, away from acids, bases or oxidizers.

Section 8. Exposure Controls / Personal Protection

ENGINEERING CONTROLS: Local exhaust recommended.

RESPIRATORY PROTECTION: Wear appropriate NIOSH-MSHA approved respirators, when handling
Or grinding powder

SKIN PROTECTION: Protective clothing or apron if prolonged contact is likely. Wear
protective gloves to minimize skin contact.

EYE PROTECTION: Safety glasses/goggles and eye flushing facilities are recommended

Section 9. Physical and chemical Properties

APPEARANCE: brown-black in color

PHYSICAL STATE: granules

BOILING POINT: 990 °C (Te)

SOLUBILITY IN WATER: Insoluble

EVAPORATION RATE: Not Applicable

SPECIFIC GRAVITY: Not Applicable

FREEZING POINT: Not Applicable

VAPOR DENSITY: Not Applicable

MELTING POINT: 450 °C (Te)

VAPOR PRESSURE: Not Applicable

MOLECULAR WEIGHT: Not Applicable

VISCOSITY: Not Applicable

ODOR: None

% VOLATILE: Not Applicable

pH: Not Applicable

Section 10. Stability and Reactivity

CHEMICAL STABILITY: Stable

INCOMPATIBILITY: Strong acids and bases, halogen gases, strong oxidizing agents.

Sodium-potassium, or nascent hydrogen may cause violent reactions and/or explosions with
Tellurium

HAZARDOUS DECOMPOSITION PRODUCTS: under reducing conditions (i.e.: any strong acid/base plus
and active metal) or in the presence of Nascent Hydrogen; Hydrogen Telluride Gas may be
evolved

HAZARDOUS POLYMERIZATION: N/A

Section 11. Toxicological Information

EYE: Not Applicable

SKIN: Not Applicable

INGESTION: Not Applicable

INHALATION: Not Applicable

SUBCHRONIC: Not Applicable

CHRONIC / CARCINOGENICITY: Not Applicable

Section 12. Ecological Information

ECOTOXICOLOGICAL INFORMATION: Not Applicable

Section 13. Disposal Considerations

Collect in appropriate containers for reclaim.

Section 14. Transport Information (Not meant to be all inclusive)

D.O.T. SHIPPING NAME : White Metal

TECHNICAL SHIPPING NAME : Tellurium alloy

D.O.T. HAZARD CLASS : Non-Hazardous

U.N. / N.A. NUMBER : Not Applicable

PRODUCT RQ (LBS) : Not Applicable

D.O.T. LABEL : Non-Hazardous

D.O.T. PLACARD : Non-Hazardous

FREIGHT CLASS BULK : 70

PRODUCT LABEL : Tellurium