

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072



IDENTITY **SELENIUM TELLURIUM DRUMS**

Section I

Manufacturer's Name U.S. FUJI ELECTRIC, INC.	Emergency Telephone Number (201)-288-6900
DISTRIBUTORS NAME AND ADDRESS MITA COPYSTAR AMERICA, INC.	Telephone Number for Information (201)-288-6900
777 TERRACE AVE., PO BOX 813	Date Prepared MARCH 1, 1990
HASBROUCK HEIGHTS, NJ 07604	Signature of Preparer (optional)

Section II — Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	TO NEAREST 5% (optional)
ALUMINUM (CAS NO. 7429-90-5)		10mg/m ³	NONE	90%
SELENIUM (CAS NO. 7782-49-2)		0.2mg/m ³	NONE	5%
TELLURIUM (CAS NO. 1394-80-9)		0.1mg/m ³	NONE	5%

SE:TE ALLOY

SE:TE ALLOY IS HARD VITREOUS SUBSTANCE. WHEN COATED IT STRONGLY ADHERES TO AN ALUMINUM SUBSTRATE, SO THERE IS NO HAZARD AS LONG AS THE DRUM IS USED AS INTENDED.

Section III — Physical/Chemical Characteristics

Boiling Point	1148° - 1328°F	Specific Gravity (H ₂ O = 1)	4.3 - 6.3
Vapor Pressure (mm Hg.)	N/A	Melting Point	NEG
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	N/A

Solubility in Water **NEGLIGIBLE**

Appearance and Odor **MIRROR LIKE FINISH AND ODORLESS**

Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used) N/A	Flammable Limits	LEL N/A	UEL N/A
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Extinguishing Media
IF PRODUCT BECOMES INVOLVED IN A FIRE, USE DRY CHEMICAL.

Special Fire Fighting Procedures
SELF CONTAINED BREATHING APPARATUS AND FULL PROTECTION AGAINST DUST AND FUMES.

(IN CASE THAT A LARGE QUANTITY OF DRUMS PRODUCES FUMES OR VAPORS AT A HIGH TEMP.

Unusual Fire and Explosion Hazards
SAME PRECAUTIONS AS ABOVE.

Section V — Reactivity Data

Stability	Unstable		Conditions to Avoid	NONE
	Stable	X		

Incompatibility (Materials to Avoid) STRONG OXIDIZING AGENTS, STRONG ACID.

Hazardous Decomposition or Byproducts SeO_2 , H_2Se

Hazardous Polymerization	May Occur		Conditions to Avoid	NONE
	Will Not Occur	X		

Section VI — Health Hazard Data

Route(s) of Entry: Inhalation? NO Skin? NO Ingestion? NO

Health Hazards (Acute and Chronic)

HEALTH HAZARD OF Se:Te ALLOY IS UNKNOWN.

Carcinogenicity: NTP? NO IARC Monographs? NO OSHA Regulated? NO

Signs and Symptoms of Exposure NONE

Medical Conditions Generally Aggravated by Exposure NONE

Emergency and First Aid Procedures N.A.

Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material Is Released or Spilled

NO SPECIAL PRECAUTION

Waste Disposal Method

RETURN USED DRUMS TO DISTRIBUTOR THEN TO THE MANUFACTURER FOR DISPOSAL.

Precautions to Be Taken in Handling and Storing

STORE IN ITS CARDBOARD CONTAINER TO PROTECT AGAINST CHIPPING.

Other Precautions

NONE

Section VIII — Control Measures

Respiratory Protection (Specify Type) NO

Ventilation	Local Exhaust	NO	Special	NO
	Mechanical (General)	NO	Other	NO

Protective Gloves NONE REQUIRED UNDER NORMAL USE.

Eye Protection NONE REQUIRED UNDER NORMAL USE.

Other Protective Clothing or Equipment NONE REQUIRED UNDER NORMAL USE.

Work/Hygienic Practices NONE