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U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration

Form Approved
OMB No. 44-R1387

MATERIAL SAFETY DATA SHEET

Required under USDL Safety and Health Regulations for Ship Repairing,
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

SECTION I

MANUFACTURER'S NAME Ricoh Co., Ltd.		EMERGENCY TELEPHONE NO. 03-777-8183
ADDRESS (Number, Street, City, State, and ZIP Code) 1-3-6 Nakamagomo, Ota-ku, Tokyo, Japan		
CHEMICAL NAME AND SYNONYMS		TRADE NAME AND SYNONYMS Ricoh RT Selenium drum ("H")
CHEMICAL FAMILY Selenium coated Aluminum Cylinder	FORMULA	

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
Selenium alloy is composed of selenium and tellurium.					

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	approx. 1270 °F.	SPECIFIC GRAVITY (H ₂ O=1)	approx. 2.3
VAPOR PRESSURE (mm Hg.)	N.A.	PERCENT VOLATILE BY VOLUME (%)	N.A.
VAPOR DENSITY (AIR=1)	N.A.	EVAPORATION RATE (____=1)	N.A.
SOLUBILITY IN WATER	Insoluble		
APPEARANCE AND COLOR	Silverish metallic No odor.		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	None	FLAMMABLE LIMITS	LeI	UeI
EXTINGUISHING MEDIA	If product becomes involved in a fire use CO₂, water, foam or dry chemical.			
SPECIAL FIRE FIGHTING PROCEDURES	chemical.			
	None			
UNUSUAL FIRE AND EXPLOSION HAZARDS	None			

SECTION V - HEALTH HAZARD DATA	
THRESHOLD LIMIT VALUE	Not established.
EFFECTS OF OVEREXPOSURE	There is no health hazard in normal use conditions.
EMERGENCY AND FIRST AID PROCEDURES	None required.

SECTION VI - REACTIVITY DATA			
STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	
COMPATIBILITY (Materials to avoid) None			
HAZARDOUS DECOMPOSITION PRODUCTS None under normal handling and use.			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

SECTION VII - SPILL OR LEAK PROCEDURES	
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED	
N. A.	
WASTE DISPOSAL METHOD	
Used drums should be collected by service personnel.	
Do NOT burn.	

SECTION VIII - SPECIAL PROTECTION INFORMATION		
RESPIRATORY PROTECTION (Specify type) None needed.		
VENTILATION	LOCAL EXHAUST	None needed.
	MECHANICAL (General)	None needed.
PROTECTIVE GLOVES	Use cotton gloves.	EYE PROTECTION None needed.
OTHER PROTECTIVE EQUIPMENT None needed.		

SECTION IX - SPECIAL PRECAUTIONS	
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING	1. Store in a cool and dry place.
	2. Keep away from heat and open flame.
OTHER PRECAUTIONS	3. Keep closed in a package.