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Columbus Chemical Industries, Inc./ Route 2, Box 187-B/ Columbus, Wisconsin 53925/414-623-2140

MATERIAL SAFETY DATA SHEET

ENTEREDOCT 1 0 1986	0=0	CAS# 7439-97-6	
CHEMICAL NAME AND SYNONYMS		TRADE NAME AND SYNONYMS Quicksilver	
Mercury CHEMICAL FAMILY	FORMULA	Нg	
Element			

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	RDOUS INGREDIENTS 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 HAZAR	DOUS MIXTU	RES OF OT	HER LIQUIDS, SOLIDS, OR GASES	%	TLV (Units)
Single Compoun	d- Does	not ap	oply		

	SECTION III-	PHYSICAL DATA	
BOILING POINT (%F.) °C	356-357	SPECIFIC GRAVITY (H₂O = 1)	13.546
VAPOR PRESSURE (mm Hg.) (25°C)	2x10 ⁻³	PERCENT, VOLATILE BY VOLUME (%) @ 360°C	100
VAPOR DENSITY (AIR = 1)		EVAPORATION RATE (= 1) (25°C)	very slow
SOLUBILITY IN WATER M moles/liter	0.28		
APPEARANCE AND ODOR Silvery I	iquid, odo	rless	

	3201101111 11112	AND EXPLOSION HAZARD DATA FLAMMABLE LIMITS	Lel	Uel
FLASH POINT (Method used)	N/A	TEMMODEL EMIT		
EXTINGUISHING MEDIA		guish the supporting fire		
SPECIAL FIRE FIGHTING PRO	CEDURES Wear self-contain	ed breathing apparatus.	,	
LINUSUAL FIRE AND EXPLOS	ION HAZARDS	can vaporize mercury and g	enerate a to	
ONOGONE I MIZ 7.MIZ Z.M. Z. Z.				
	mercury concentra	ation in air.		



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SECTION V—HEALTH HAZARD DATA
THRESHOLD LIMIT VALUE TWA 50 Mg/m ³ ; STEL 150 Mg/m ³
EFFECTS OF OVEREXPOSURE Inflammation of mouth and gums, excessive salivation, loosening of teeth,
kidney damage, muscle tremors, personality changes.
EMERGENCY AND FIRST AID PROCEDURES Inhalation: remove to fresh air. Get medical attention. Eyes, skin: Wash
immediately and thoroughly with water and/or soap. Ingestion: Induce vomiting
and consult a physician.

			SEC	TION	VI—RE	ACTIVITY DATA	
STABILITY	UNSTABLE			CONDITIONS TO AVOID			
	STAB	LE	Х				
INCOMPATABILITY Most meta HAZARDOUS DEC						ns soluble mercury salts (severe poisons). y vapor when heated	
	MAY OCC					CONDITIONS TO AVOID	
HAZARDOUS POLYMERIZATION		WILL NOT OC	CUR		X		

SECTION VII—SPILL OR LEAK PROCEDURES
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED Ventilate the area well, sweep up promptly using a special vacuum cleaner designed
for this purpose or use sulfur bearing sweeping compound. Store in a tightly
closed container.
WASTE DISPOSAL METHOD In accordance with current local, state and federal regualtions dispose of in
a hazardous waste disposal facility. For larger quantities, return to a mercury
refiner or smelter.

	SECTION VIII—SPECIAL PR	ROTECTION INFO	PRMATION
RESPIRATORY PROTE	CTION (Specify type) ed for mercury dusts and fume	2 S	
VENTILATION	LOCAL EXHAUST To provide air change every		SPECIAL
	MECHANICAL (General)	<u> </u>	OTHER
PROTECTIVE GLOVES	Rubber	EYE PROTECTION	Chemical splash goggles
OTHER PROTECTIVE E			O. C.

	SECTION IX—SPECIAL PRECAUTIONS
İ	PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING
į	Avoid skin contact, do not breath vapors.
	Spilled mercury can remain in small floor cracks, under benches etc. to provide
	Spilled mercury can remain in small illoor cracks, under benefits over as presented
	OTHER PRECAUTIONS
	a vapor source.
	a vapor source.
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