

MATERIAL SAFETY DATA SHEET

VENDEE AND THIRD PERSONS ASSUME THE RISK OF INJURY PROXIMATELY CAUSED BY THIS PRODUCT IF REASONABLE SAFETY PROCEDURES ARE NOT FOLLOWED AS PRO-THIS PRODUCT IF REASONABLE SAFETY PROCEDURES ARE NOT FOLLOWED AS PROVIDED FOR IN THE DATA SHEET, AND VENDOR SHALL NOT BE LIABLE FOR SUCH INJURY. FURTHERMORE, VENDOR SHALL NOT BE LIABLE FOR INJURY TO VENDEE OR THIRD PERSONS PROXIMATELY CAUSED BY ANY ABNORMAL USE OF THIS PRODUCT EVEN IF REASONABLE SAFETY PROCEDURES ARE FOLLOWED.

ALL PERSONS USING THIS PRODUCT, ALL PERSONS WORKING IN AN AREA WHERE THIS PRODUCT IS USED, AND ALL PERSONS HANDLING THIS PRODUCT SHOULD BE FAMILIAR WITH THE CONTENTS OF THIS DATA SHEET. POSTING THIS DOCUMENT FOR EMPLOYEE NOTIFICATION IS RECOMMENDED BY THE VENDOR.

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MANUFACTURER'S NA								
	ME Quemetco, Inc.					relephoi		4)631-6070 7)247-1303
ADDRESS 7	870 West Morris Street	, Indianapo	olis, Indiana	46231-1365	5			
TRADE NAMES B	lard Lead; Sb, Sn							
SYNONYMS A	ntimonial Tin Lead Al	nial Tin Lead Alloy				INTENDED USE Industrial		
		IL II	NGREDIE	NTS				
MATERIAL OR COMPON (CAS#)	VENT	WEIGHT % PI		HA Ceiling	ACGIH TLV/TWA TLV/STEL			Other
Lead (CAS #7439-92-1)		88-100	50μg/m³	None	0.15mg/m ³	None	30µg/m	Action Leve
Antimony (CAS #7440-36-0)		0.5-10	0.1mg/m3*	None	0.2mg/m³	None		Applicable
Tin (CAS #7440-31-5)		0-1.3	2mg/m³	None	2mg/m³	None	Not	Applicable
		* Fume						
			IYSICAL	DATA				
BOILING POINT @ 760 mm Hg	Greater than 3	ш. РЕ	IYSICAL	DATA ELTING	POINT	486	6-621°F ((252-327°C)
@ 760 mm Hg SPECIFIC GRAVITY	Greater than 3	III. PE	IYSICAL 0°C) M				6-621°F ((252-327°C)
@ 760 mm Hg SPECIFIC GRAVITY (H, 0 = 1) VAPOR DENSITY	-	III. PH	IYSICAL 0°C) M	ELTING I		Ne		(252-327°C)
@ 760 mm Hg SPECIFIC GRAVITY (H, 0 = 1) VAPOR DENSITY (Air = 1) % VOLATILE BY	9.6-11.3 Appr	III. PH	IYSICAL 0°C) M V S(0°C) E	APOR PROLUBILITY 6 by wt.)	ESSURE TY IN H,O	Ne	gligible	(252-327°C)
	9.6-11.3 App	III. PE	IYSICAL 0°C) M V S(0°C) E	APOR PROLUBILITY (A by wt.) VAPORATE Butyl Aceta	ESSURE TY IN H,O	Ins No	gligible soluble	able,
@ 760 mm Hg SPECIFIC GRAVITY (H, 0 = 1) VAPOR DENSITY (Air = 1) % VOLATILE BY VOLUME COEFF. WATER/OIL	9.6-11.3 Approximately Not Applicable Negligible	III. PE	YSICAL O°C) M V S(C) (C) E (F)	APOR PROLUBILITY (by wt.) VAPORATE Sutyl Aceta	ESSURE TY IN H,O	Ne Ins	gligible soluble gligible	able,

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SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: OSHA PEL - TWA 1.0 mg(Cu)/m¹ (dust or mist), ACGIH TLV - TWA 0.2(Cu)/m² (fume).

EFFECTS OF OVEREXPOSURE: Under normal handling and use, exposure to massive forms of copper represents very few hazards. Particulates generated from the use of this substance may pose some health risks. Acute exposure will cause irritation to the eye; foreign body reaction causes chalcosis. Prolonged and repeated exposure to the skin will cause irritation or discoloration. Acute exposure will cause primary gastrointestinal symptoms with nausea and vomiting, abdominal pain and distribea. In severe cases headache, sweating, kidney and liver and central nervous system damage progressing to convulsions, come and possible death (rarely). Inhalation symptoms consist primarily of initiation. Cases of "metal fume fever" have been reported. EMERGENCY AND FIRST AID PROCEDURES: EYES: Leal state, and water for 15 minutes. SKIN: Wash contaminated skin and remove contaminated clothing. INHALATIO from exposure; place individual under care of physician INGESTION: Induce vomiting in conscious indip K MEDICAL ATTENTION IN THE EVENT OF ANY ACCIDENTAL EXPOSURE TO THIS PRODUCT and tentant below.

safety goggles

SECTION VI - REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY (MATERIALS TO AVOID): At temperatures above melting copper oxide fumes may be formed. HAZARDOUS DECOMPOSITION PRODUCTS: Contact with mineral acids will release hydrogen - a dangerous gas. HAZARDOUS POLYMERIZATION: Will not occur

CONDITIONS TO AVOID:

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: If copper is spilled, it can be safely swept, shoveled or picked up by band and returned to original container. Keep dust at a minimum.

WASTE DISPOSAL METHOD: Place in an approved container and dispose of in accordance with Federal, State, and Local laws.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE): Approved respirator for dust or fumes.

VENTILATION: The area surrounding any plating tank should be suitably ventilated to prevent gases, mists, and particulate matter evolved from the plating tank from collecting to injurious levels. Maintain working savironment below the recommended exposure limits.

PROTECTIVE GLOVES: Rubber or Leather

EYE PROTECTION: If copper metal is converied to particulates, avoid contact with eyes by appropriate safety goggles or glasses with full side shield.

OTHER PROTECTIVE EQUIPMENT: Protective coverails and safety footwear.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Keep away from reactive products.

OTHER PRECAUTIONS: No other precautions are expected to be necessary.

SECTION X - DTHER REGULATORY INFORMATION

Ingredients in this product are TSCA listed. Ingredients in this product are CDS listed.

The information provided to this bilinetial lightly Dans Texas is between to be account and was abstracted from exercise in the residuo. However, the later matter is provided notion only Typecanophine or materially, appreciate in the product and relationals of this information for this information for the same account lightly residue, from the same braiding residue, and relational of this product. In the case of residuals, residue, residue, from the same braiding residue.