

MATERIAL SAFETY DATA SHEET

FLUX,

OTHER PRECAUTIONS

NONE

And the second second								3-111-	- 6 4	
CHEMICAL NAME AND SYM	DHYMS: 1	N/A								
CHEMICAL FAMILY: N/A				TRADE NAME: ACID FLUX CORED SUIDER						
FORMULA: MIXTURE	D.O.T. SHIPPING CLASS: NON-HAZARIXUS							-		
<u> </u>			PHYSIC							
BOILING POINT (°F)	O SPECIFIC GRAVITY (WATER : 1)						N/A			
APOR PRESSURE () N/		<u> </u>	PERCENT VOLATILE (BY VOLUME)					N/A_		
VAPOR DENSITY (AIR : 1)		4.	4	EVAPORATION RATE (+1]	N/A		
SOLUBILITY IN WATER (y wt.)	COMPL	ETE							
APPEARANCE AND ODOR		GRAY-	LIKE F	LUX CO	ИТАТИ	ED INSTU	E CORE	D WIR	<u>E</u>	
		11. HA	ZARDOU	S INGRE	DIENT	3				
MATERIAL	MATERIAL			*		TLV (ppm)		C.A.S. REGISTRY		
ZINC CHLORIDE			48		N	/A 7646-1		6-85-	35-7	
NOTE: SOLDER WIRE C	ONTAINS	ABOUT	68 BY	WEIGH	L ELV	x				
	E EMITS									
HEAT OF SOLDE	RING. 3	5ppm 1	CI CAU	SES LR	RITAT	ION TO				
THROAT, CONCE	NTRATIO	NS OF	50-100	ppm_CA	N BE	TOLERATI	D			
FOR 1-HOUR,			l	,	<u> </u>		l			
NONE OF THE INGRED	IENTS IS	LISTE	ED AS C	ARCINO	GENIC	BY 1ARC	, NTP	OR OS	<u> </u>	
	111.	FIRE /	MD EXP	LOSION	HAZARI	D DATA				
FLASH POINT (C.O.C.)	380 ⁰ F	FLAMMABI F IN AIR (ITY LIMITS by volume)		LOWER: N/A		UPPER: N/A		
EXTINGUISHING MEDIA:	WATER		DIOXN		ALCO	HOL FOAM	lx l	DRY CHE	MICAL	_ x
SPECIAL FIRE FIGHTING PROCEDURES	NO	MF:								
UNUSUAL FIRE AND EXPLOSION HAZARDS	NC	ME								
NEPA RATING:				The information contained herein is besed on data considered occurate and given in good faith but no werrenty, expressed or implied, is made.						
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LITTON/KESTER SOLDER 515 EAST TOURY AVENUE DES PLAINES, IL 60018 EMERGENCY PH# (708) 297-1600

		ACTO PLOA CORDIO DOM	/ L.M.			
		IV. HEALTH HAZARD DATA				
THRESHOLD LIM	IT VALUE OS	SHA-PELICETLING Sppm) FOR EMITTED HYDROCHLORIC ACID	-			
		IRRITATION TO EYES AND THROAT. ZINC CHLORIDE CAN B				
		HALATION-HIGH HAZARD. MILD SENSITIZER MAY CAUSE				
DERMATITIS	ON LOCAL C	CONTACT, CHRONIC HEALTH EFFECTS, FLUX/FUMES MAY CAUSI	3			
		EMERGENCY AND FIRST AID PROCEDURES PULMONARY IRRITATION				
EYE CONTACT	FLUSH WIT	THE PLENTY OF WATER, TREAT FOR BURNS.				
SKIN CONTACT	WASH WITH	H SOAP AND PLENTY OF WATER, TREAT FOR BURNS				
INHALATION.	REMOVE TO	O FRESH AIR				
INGESTION:	N/A					
ROUTES OF J	ENTRY: INH	NALATION AND INGESTION -				
		V. REACTIVITY DATA				
	UNSTABLE	CONDITIONS TO AVOID: NONE				
STABILITY:	STABLE	x				
		S TO AVOID) STRONG OXIDIZERS				
HAZARDOUS DE	COMPOSITION F	PRODUCTS: HYDROCHLORIC ACID VAPORS DURING SOLDERING				
HAZARDOUS MAY OCCUR CONDITIONS TO AVOID: NONE						
POLYMERIZATIO	ON: WILL NO	OT OCCUR [XX]				
		VI. SPILL OR LEAK PROCEDURES				
STEPS TO BE TO	AKEN IN CASE	MATERIAL IS RELEASED OR SPILLED: N/A				
WASTE DISPOSA	L METHOD:	ACCORDING TO LOCAL REGULATIONS. MOST FEASIBLE METHO	0			
WOULD BE TO	SELL EXC	ESS METAL WIRE TO METALS RECLAIMER.				
		VII. SPECIAL PROTECTION INFORMATION				
RESPIRATORY	PROTECTION ((SPECIFY TYPE): USUALLY NOT REQUIRED.				
		XHAUST: REMOVE SMOKE/ SPECIAL: N/A				
VENTILATION		FROM BREATHING AREA.				
	MECHANIC	CAL (GENERAL): RECOMMENDED OTHER: N/A				
PROTECTIVE G	LOVES: NO	NE REQUIRED EYE PROTECTION SAFETY GOGGLE	s			
OTHER PROTEC	CTIVE EQUIPM	ENT: NONE				
		VIII. SPECIAL PRECAUTIONS				
PRECAUTIONS	TO BE TAKEN	IN HANDLING AND STORAGE: FLUX MAY LEAK OUT OF SOLDER WI	RE.			
WASH HANDS	THOROUGHL	X AFTER CONTACTING FLUX. AVOID SKIN OR EXE CONTACT	WIT			



NOTICE - TOXIC CHEMICAL (S)

This trade name product/mixture contains a toxic chemical(s) subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40CFR Part 372.

TOXIC CHEMICAL LISTINGS						
CAS No.	Chemical Name	CAS No.				
7440-36-0	Phosphoric Acid	7664-38-2				
7439-92-1		1330-20-7				
7440-22-4	Thiourea	62-55-6				
78-92-2	Tetrachloroethylene	127-18-4				
107-21-1		71-55-6				
67-56-1	2-Ethoxyethanol	110-80-5				
76-13-1	Ammonia	7664-41-7				
7647-01-0	Methylene Chloride	75-09-2				
	CAS No. 7440-36-0 7439-92-1 7440-22-4 78-92-2 107-21-1 67-56-1 76-13-1	CAS No. Chemical Name 7440-36-0 Phosphoric Acid 7439-92-1 Xylene (Mixed Isomers) 7440-22-4 Thiourea 78-92-2 Tetrachloroethylene 107-21-1 Methyl Chloroform 67-56-1 2-Ethoxyethanol 76-13-1 Ammonia				

The percent by weight of each toxic chemical in the trade name product/ mixture is located in Section II-Material Safety Data Sheet. This notification must not be detached from the MSDS and that any copying and redistribution of the MSDS shall include copying and redistribution of the notice attached to copies of the MSDS subsequently redistributed.