



MATERIAL SAFETY DATA SHEET

DATE 10-31-86	ISSUE 2
EMERGENCY PHONE (815) 968-9661	
60	

MFGR <input type="checkbox"/> DSTBR <input checked="" type="checkbox"/>	GC Electronics	ADDRESS 1801 Morgan St., Rockford, IL 61105-1209
PRODUCT NUMBER 10-1207		PRODUCT NAME SOLDERING PASTE
CHEMICAL FAMILY INORGANIC SALT/HYDRO CARBON MIX		

SECTION II - INGREDIENTS

C.A.S. REGISTRY NO.	CHEMICAL NAME	% (WT)	TLV PEL	STEL	YES	NO	CARCINOGENIC AUTHORITY		
							NTP	IARC	OSHA
							8009-03-8	PETROLATUM	98+
12125-02-9	AMMONIUM CHLORIDE	< 1	10mg/m ³	20mg/m ³		X			
7647-85-7	ZINC CHLORIDE	< 1	1mg/m ³	2mg/m ³		X			

SECTION III - PHYSICAL DATA

BOILING POINT _____ °C _____ °F	SPECIFIC GRAVITY
VAPOR PRESSURE <input type="checkbox"/> P.S.I <input type="checkbox"/> MMH ₂	% VOLATILE BY VOLUME
VAPOR DENSITY	EVAPORATION RATE (Butyl Acetate =1)
SOLUBILITY IN H ₂ O NOT SOLUBLE	FORM _____ LIQUID <input checked="" type="checkbox"/> PASTE _____ SOLID _____ GAS
APPEARANCE AND ODOR TAN PASTE - ALMOST ODORLESS	

SECTION IV - FIRE & EXPLOSION HAZARD DATA

FLASH POINT _____ °C <u>400+</u> °F <input type="checkbox"/> OPEN CUP <input checked="" type="checkbox"/> CLOSED CUP	FLAMMABLE LIMITS (% In Air) LOWER NE _____ UPPER NE _____
EXTINGUISHING MEDIA DRY CHEMICAL, CO ₂ , FOAM	
SPECIAL FIRE FIGHTING PROCEDURES INORGANIC SALTS CONTENT SUPPRESSES COMBUSTION OF HYDROCARBONS	
UNUSUAL FIRE & EXPLOSION HAZARDS NONE KNOWN	
HMIS/NFPA RATINGS	HEALTH 1 FLAMMABILITY 1 REACTIVITY 1

SECTION V - HEALTH HAZARD INFORMATION

RECEIVED NOV 21 1988

TLV (Threshold Limit Value)	NE	PEL (Permissible Exposure Limit)	NE	OTHER LIMIT	NE
EFFECTS OF OVEREXPOSURE					
INHALATION OF VAPORS CAN CAUSE ASPIRATION PNEUMONIA					
SKIN CONTACT MAY CAUSE DERMATITIS					
INHALATION MAY CAUSE IRRITATION OF NOSE AND THROAT					
PRIMARY ROUTES OF ENTRY —					
	<input checked="" type="checkbox"/> INHALATION	<input checked="" type="checkbox"/> SKIN CONTACT	<input type="checkbox"/> EYE CONTACT	<input type="checkbox"/> INGESTION	
EMERGENCY/FIRST AID PROCEDURES					
EYES FLUSH WITH WATER					
SKIN					
WATER WITH SOAP AND WATER					
INHALATION					
FRESH AIR - CONSULT PHYSICIAN					
INGESTION					
CONSULT PHYSICIAN					

SECTION VI - REACTIVITY DATA

<input checked="" type="checkbox"/> STABLE	<input type="checkbox"/> UNSTABLE	CONDITIONS TO AVOID —	NONE
INCOMPATIBILITY (Mat'ls to Avoid)			
NONE			
HAZARDOUS DECOMPOSITION PRODUCTS			
CO, CO ₂			
HAZARDOUS POLYMERIZATION			
<input type="checkbox"/> MAY OCCUR <input checked="" type="checkbox"/> WILL NOT OCCUR			

SECTION VII - SPILL OR LEAK PROCEDURES

PROCEDURES
SCRAPE UP - PLACE IN METAL CONTAINER, WASH UP RESIDUE WITH SOAP OR DETERGENT AND
WATER
WASTE DISPOSAL
SOLID WASTE DISPOSAL

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY	EYEWEAR
NOT NORMALLY REQUIRED	SAFETY GLASSES
VENTILATION	
<input checked="" type="checkbox"/> LOCAL EXHAUST	<input type="checkbox"/> MECHANICAL
AS REQUIRED TO AVOID BREATHING FUMES	
CLOTHING/GLOVES	
NONE NORMALLY REQUIRED. AVOID REPEATED OR PROLONGED SKIN CONTACT	

SECTION IX - SPECIAL PRECAUTIONS

HANDLING & STORING
NO SPECIAL PRECAUTIONS NECESSARY
OTHER
NONE

BY	DATE
V. HAGEMAN	10-31-86