



MATERIAL SAFETY DATA SHEET

177722

8-01-89

CHEMICAL NAME AND SYNONYMS: N/A
CHEMICAL FAMILY: N/A
TRADE NAME: SP-30 SOLDERING PASTE FLUX
FORMULA MIXTURE: D.O.J. SHIPPING CLASS. NON-HAZARDOUS

I. PHYSICAL DATA

BOILING POINT (°F): N/A
SPECIFIC GRAVITY (WATER = 1): 1.05
VAPOR PRESSURE (): N/A
PERCENT VOLATILE (BY VOLUME): 8
VAPOR DENSITY (AIR = 1): N/A
EVAPORATION RATE (): N/A
SOLUBILITY IN WATER (S by mL): 35
MELTING POINT (°F): N/A
APPEARANCE AND ODOR: LIGHT AMBER COLORED PASTE WITH LITTLE OR NO ODOR

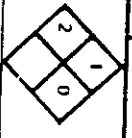
II. HAZARDOUS INGREDIENTS

MATERIAL	%	TLV (mg/m ³)	C.A.S. REGISTRY #
PETROLATUM	65	N/A	8009-03-8
ZINC CHLORIDE	24	1	7646-85-7

NONE OF THE INGREDIENTS IS LISTED AS CARCINOGENIC BY IARC, NTP OR OSHA -

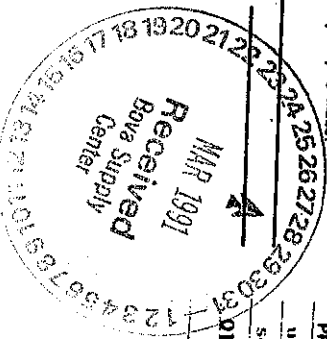
III. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (T.O.C.): 430°F	FLAMMABILITY LIMITS IN AIR (S by volume):	LOWER: N/A	UPPER: N/A
EXTINGUISHING MEDIA: WATER	CARBON DIOXIDE	ALCOHOL FOAM	DRY CHEMICAL
SPECIAL FIRE FIGHTING PROCEDURES	WEAR SELF-CONTAINED BREATHING APPARATUS		
UNUSUAL FIRE AND EXPLOSION HAZARDS	NONE		



The information contained herein is based on data considered accurate and given in good faith but no warranty, expressed or implied, is made.

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DES PLAINES, IL 60018
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IV. HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: ACGIH/STELL(2mg/M³); OSHA-PEL(1mg/M³)-2-ING CHLORIDE FUMES
EFFECTS OF OVER-EXPOSURE: Smoke during soldering can cause headache and irritation of eyes and respiratory tract. Contact with paste can irritate skin and eyes, causing eye burns.
EYE CONTACT: Flush with water for 15 min. and get medical attention.
SKIN CONTACT: Wash thoroughly with soap and water or waterless hand cleaner.
INHALATION: Remove to fresh air. Flux/fumes may cause pulmonary irritation.
INGESTION: Give large amounts of water or milk. Do not induce vomiting.
CALL A PHYSICIAN IMMEDIATELY, ROUTES OF ENTRY: Inhalation and ingestion -

V. REACTIVITY DATA

STABILITY: UNSTABLE
CONDITIONS TO AVOID: NONE
INCOMPATIBILITY (MATERIALS TO AVOID): None
HAZARDOUS DECOMPOSITION PRODUCTS: hydrogen chloride (TLV=5ppm)
HAZARDOUS POLYMERIZATION: MAY OCCUR
CONDITIONS TO AVOID: NONE
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: N/A
WASTE DISPOSAL METHOD: According to local regulations.

VI. SPILL OR LEAK PROCEDURES

WASTE DISPOSAL METHOD: According to local regulations.

VII. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE): Not usually required
LOCAL EXHAUST: Remove smoke/vapors from breathing area.
VENTILATION: MECHANICAL (GENERAL): RECOMMENDED
OTHER: N/A

PROTECTIVE GLOVES: Rubber
EYE PROTECTION: Safety goggles
OTHER PROTECTIVE EQUIPMENT: None

VIII. SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Keep container sealed when not in use. Avoid eye and skin contact. Avoid breathing smoke/vapors during soldering.
OTHER PRECAUTIONS: None