

Product ID:#197 ROSIN FLUX MSDS Date:01/01/1987 FSC:3439 NIIN:00-162-8388 MSDS Number: BDDQK === Responsible Party === Company Name: KESTER SOLDER Address:515 E TOUHY City: DES PLAINES State:IL ZIP:60018-2675 Country:US Info Phone Num:312-699-5594 Emergency Phone Num:312-699-5594 CAGE:GO345 === Contractor Identi fication === Company Name: KESTER SOLDER Address:515 EAST TOUHY AVENUE City: DES PLAINES State:IL ZIP:60018-2675 Country:US Phone:708-297-1600 CAGE:GO345 Company Name: KESTER SOLDER DIVISION OF LITTON SYSTEMS, INC. Address:515 E. TOUHY AVENUE Box:City:DES PLAINES State:IL ZIP:60018 Country:US Phone:847-297-1600 CAGE:75297

Ingred Name:ROSIN, CAS#8050-09-7 SEE SUPP DATA Fraction by Wt: 37.0%

Ingred Name: ISOPROPYL ALCOHOL (SARA I

CAS:67-63-0 RTECS #:NT8050000 Fraction by Wt: 56.0% OSHA PEL:400 PPM/500 STEL ACGIH TLV:400 PPM/500STEL;9192 Effects of Overexposure: CONTACT MAY CAUSE SKIN AND EYE IRRITATION; ROSIN MAY CAUSE RASH, HEADACHE OR RESP IRRIT OR NARCOSIS. First Aid:INHALE:REMOVE TO FRESH AIR, GIVE CPR/O*2 IF NEED:EYES/SKIN:FLUSH W LG AMTS H*20 FOR 15 MIN:INGEST:RINSE MOUTH: GET MEDICAL ATTENTION FOR EYES, BREATHING DIFFICULTY, OR OTHER SYMPTOMS OF OVEREXPOSURE. Flash Point:65F/18.3C (T.O.C Autoignition Temp: Autoignition Temp Text: 750F Lower Limits:2.0 Upper Limits:12.0 Extinguishing Media:CO*2,FOAM,DRY CHEMICAL Fire Fighting Procedures: USE WATER SPRAY TO COOL CONTAINERS AND CONTROL VAPORS. Unusual Fire/Explosion Hazard: USE CARE. AUTO IGNITION TEMPERATURE IS 750F. _____ Spill Release Procedures: USE PROPER PERSONAL PROTECTION; USE SUITABLE ABSORBENT MATERIAL AND RECOVER FOR PROPER DISPOSAL. Handling and Storage Precautions: STORE IN COOL, DRY AND WELL VENTILATED AREA.KEEP AWAY FROM HEAT, OPEN FLAME AND SPARKS.KEEP CONTAINER

CLOSED WHEN NOT IN USE.

II)

Other Precautions: AVOID CONTACT WITH SKIN, EYES AND CLOTHES; DO NOT BREATHE VA

PORS;WASH THOROUGHLY AFTER EACH USE.

======= Exposure Controls/Personal Protection ==========

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR FOR ORG VAPORS/MIST IF ABOVE TLV. Ventilation:PROVIDE MECHAN(GEN/LOCAL EXHAUST)VENT TO MAINTN