Product ID:ACTIVATOR 707 AMPULE, 8112088, 17446 MSDS Date:01/04/1993 FSC:8040 NIIN:01-164-1464 MSDS Number: BGPMV === Responsible Party === Company Name:LOCTITE CORP Address:705 N MOUNTAIN RD **City:NEWINGTON** State:CT ZIP:06111 Country:US Info Phone Num:203-278-1280 Emergency Phone Num:203-27 8-1280 Preparer's Name: STEPHEN REPETTO CAGE:7K128 === Contractor Identification === Company Name:LOCTITE CORP Address:705 N MT RD City:NEWINGTON State:CT ZIP:06111 Country:US Phone:312-689-6200 CAGE:7K128 Company Name:LOCTITE CORPORATION Address:1001 TROUT BROOK CROSSING Box:City:ROCKY HILL State:CT ZIP:06067-3910 Country:US Phone:860-571-5100 CAGE:05972

Ingred Name:ETHANE, 1,1,1-TRICHLORO- (SARA 313) (CERCLA) LEL: 7%.

UEL: 15%. CAS:71-55-6 RTECS #:KJ2975000 Fraction by Wt: 80-85% **OSHA PEL:350 PPM** ACGIH TLV:350 PPM; 450 STEL EPA Rpt Qty:1000 LBS DOT Rpt Qty:1000 LBS **Ozone Depleting Chemical:1** Ingred Name: BUTANAL-ANILINE CONDENSATE CAS:9003-37-6 Fraction by Wt: 10-15% OSHA PEL:N/K ACGIH TLV:N/K Ingred Name: TERT-BUTYL ALCOHOL (SARA 313) LEL: 2.4%. UEL: 8% CAS:75-65-0 RTECS #:EO1925000 Fraction by Wt: 1-3% OSHA PEL:100 PPM ACGIH TLV:100 PPM Ingred Name: METHANE, DIMETHOXY- LEL: 2.2%. UEL: 13.1% CAS:109-87-5 RTECS #:PA8750000 Fraction by Wt: 1-3% OSHA PEL:1000 PPM ACGIH TLV:1000 PPM Ingred Name: VOLATILE ORGANIC COMPOUND; 82.6%; 802 G/L (LESS EXEMPT SOLVENTS) (EPA METHOD 24) RTECS #:9999999VO

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER. Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO Health Hazards Acute and Chronic:CHLOROCARB

OSHA PEL:N/K ACGIH TLV:N/K ON MATERIALS HAVE PRODUCED SENSITIZATION OF MYOCARDIUM TO EPINEPHRINE IN LAB ANIMALS & COULD HAVE SIMILAR EFFECT IN HUMANS. ADRENOMIMETICS (EG, EPINEPHRINE) MAY BE CONTRA-INDICATED EXCEPT FO R LIFE-SUSTAINING USES IN HUMANS ACUTELY/CHRONICALLY EXPOSED TO CHLOROCARBONS . HEADACHE, (EFTS OF OVEREXP) Explanation of Carcinogenicity:NOT RELEVANT Effects of Overexposure:HLTH HAZ: NAUSEA, DIZZINESS. NARCOSIS AT HIGH CONCENTRATION. Medical Cond Aggravated by Exposure:1,1,1-TRICHL OROETHANE: CNS, LIVER, HEART DISEASE, ALCOHOLISM, SKIN DISORDERS, EYE PROBLEMS, RESPIRATORY DISORDERS.

First Aid:INGEST: DO NOT INDUCE VOMITING. KEEP INDIVIDUAL CALM. OBTAIN MEDICAL ATTENTION. INHAL: REMOVE TO FRESH AIR. IF SYMPTOMS PERSIST, OBTAIN MEDICAL ATTENTION. SKIN: FLUSH WITH WATER. EYES: FLUSH THOROUGHL Y WITH WATER FOR AT LEAST 15 MINUTES. OBTAIN MEDICAL ATTENTION.

Flash Point Method:TCC Flash Point:NONE Lower Limits:SEE INGS Upper Limits:SEE INGS Extinguishing Media:CARBON DIOXIDE, FOAM, DRY CHEMICAL. Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED PRESSURE DEMAND SCBA AND FULL PROTECTIVE EQUIPMENT . Unusual Fire/Explosion Hazard:THERMAL DECOMPOSITION PRODUCTS MAY INCLUDE HCL AND PHOSGENE .

Spill Release Procedures:ALLOW TO EVAPORATE WITH GOOD VENTILATION. SOAK UP RESIDUE IN AN INERT ABSORBENT. STORE IN A CLOSED CONTAINER UNTIL DISPOSAL.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling and Storage Precautions:STORE BELOW 110F. AVOID PROLONGED BREATHING OF VAPOR.

Other Precautions:NO SMOKING IN AREA OF USE. DO NOT USE IN THE GENERAL VICINITY OF ARC WELDING, OPEN FLAMES OR HOT SURFACES. HEAT AND/OR UV RADIATION MAY CAUSE THE F

ORMATION OF HCL AND/OR PHOSGENE .

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

Respiratory Protection:NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN .
Ventilation:PROVIDE ADEQUATE LOCAL VENTILATION TO MAINTAIN VAPOR CONCENTRATION BELOW TLV.
Protective Gloves:RUBBER OR PLASTIC GLOVES.
Eye Protection:ANSI APPRVD CHEM WORKERS GOGGS .
Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.
Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health NONE SPECIFIED BY MANUFACTURER.

HCC:T4 Boiling Pt:B.P. Text:175F,79C Vapor Pres: