CLIFTON ADHESIVE INC -- E-1293 MMM-A-121 -- 8040-00-273-8716 Product ID:E-1293 MMM-A-121 MSDS Date: 03/25/1990 FSC:8040 NIIN:00-273-8716 MSDS Number: BLJTL === Responsible Party === Company Name: CLIFTON ADHESIVE INC Address:BURGESS PLACE City:WAYNE State:NJ ZIP:07474 Country:US Info Phone Num:201-694-0845 Emergency Phone Num:800-424-9300 CHEMTREC CAGE:79833 === Contractor Identification === Company Name: CLIFTON ADHESIVE INC Ad dress:BURGESS PL Box:City:WAYNE State:NJ ZIP:07470 Country:US Phone:201-694-0845; 973-694-0845 CAGE:79833 Company Name: STEVEN INDUSTRIES Address:39 AVENUE C Box:8 City:BAYONNE State:NJ ZIP:07002-3417 Country:US Phone:201-437-6501 CAGE:33150 ====== Composition/Information on Ingredients ======== Ingred Name: TOLUENE (SARA III) CAS:108-88-3 RTECS #:XS5250000 Other REC Limits: NONE SPECIFIED OSHA PEL:200 PPM/150 STEL

Fraction by Wt: 10%

ACGIH TLV:50 PPM: 9293 EPA Rpt Qty:1000 LBS

DOT

Rpt Qty:1000 LBS

Ingred Name: HEXANE (N-HEXANE)

CAS:110-54-3

RTECS #:MN9275000 Fraction by Wt: 37%

Other REC Limits: NONE SPECIFIED

OSHA PEL:500 PPM ACGIH TLV:50 PPM; 9293

EPA Rpt Qty:1 LB DOT Rpt Qty:1 LB

Ingred Name: METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA III)

CAS:78-93-3

RTECS #:EL6475000 Fraction by Wt: 8%

Other REC Limits: NONE SPECIFIED

OSHA PEL:200 PPM/300 STEL

ACGIH TLV:200 PPM/300STEL 9192

EPA Rpt Qty:5000 LBS DOT Rpt Qty:5000 LBS

Ingred Name: ACETONE (SARA III)

CAS:67-64-1

RTECS

#:AL3150000

Fraction by Wt: 20%

Other REC Limits: NONE SPECIFIED

OSHA PEL:1000PPM

ACGIH TLV:750PPM/1000STEL;9293

EPA Rpt Qty:5000 LBS DOT Rpt Qty:5000 LBS

Ingred Name: POLYCHLOROPRENE RUBBER

CAS:9010-84-4

Other REC Limits: NONE SPECIFIED

Ingred Name: ABOVE EXPOSURE LIMITS ARE FOR AIR LEVELS. W/SKIN CONTACT OVEREXPOSURE MAY RESULT THOUGH AIR LEVELS ARE LESS THAN LIMITS.

RTECS #:9999999ZZ

Other REC Limits: NONE SPECIFIED

Rout

es of Entry: Inhalation:YES Skin:YES Ingestion:YES Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE: NAUSEA &/OR NARCOSIS. SEVERE EYE BURNS. CHRONIC: MAY CAUSE NERVE DAMAGE OR SEVERE EYE BURNS. MAY DAMAGE LIVER & KIDNEYS. MINOR EMBRYOTOXIC/FETOTOXIC EFFECTS HAVE BEEN OBSERVED IN LABORATORY RAT S EXPOSED TO MEK BY INHALATION AT LEVELS GREATER THAN 1000 PPM (5X PEL) FOR MOST OF THE GESTATION PERIOD.

Effects of Overexposure: IRRITATION

TO EYES AND MUCOUS MEMBRANES. DRY

AND CRACKED SKIN. LIQUID INGESTION MAY RESULT IN VOMITING. NUMBNESS, TINGLING AND WEAKNESS OF ARMS AND LEGS MAY OCCUR. TARGET ORGANS: LIVER DAMAGE IN HUMAN S. POSS KIDNEY, LUNG, SPLEEN, BRAIN DAMAGE; CNS EFFECTS; PERIPHERAL NERVE TISSUE DAMAGE; TERATOGEN. POSS EYE DAMAGE.

Medical Cond Aggravated by Exposure: RESPIRATORY AILMENTS, LIVER AND KIDNEY CONDTIONS.

First Aid:W

ASH WITH SOAP & WATER. FOR PERSISTANT IRRITATION SEE DOCTOR. EYES: FLUSH EYES WITH CLEAN WATER & REFER TO DOCTOR. INGEST: DO NOT INDUCE VOMITING. REFER TO DOCTOR. EXCESSIVE INHALE: REMOVE PATIENT TO FRESH AIR OR GIVE OXYGEN. USE CPR IF PATIENT IS NOT BREATHING. REFER TO DOCTOR.

============ Fire Fighting Measures =========================

Flash Point Method:CC Flash Point: