

CLIFTON ADHESIVE INC -- E-1293, MMM-A-121 -- 8040-00-809-8252

===== Product Identification =====

Product ID:E-1293, MMM-A-121

MSDS Date:09/14/1988

FSC:8040

NIIN:00-809-8252

MSDS Number: BJQFR

=== Responsible Party ===

Company Name:CLIFTON ADHESIVE INC

Address:BURGESS PL

Box:282

City:WAYNE

State:NJ

ZIP:07474

Country:US

Info Phone Num:201-694-0845

Emergency Phone Num:201-694-0845

CAGE:79833

=== Cont

ractor Identification ===

Company Name:CLIFTON ADHESIVE INC

Address:BURGESS PL

Box:City:WAYNE

State:NJ

ZIP:07470

Country:US

Phone:201-694-0845; 973-694-0845

CAGE:79833

===== Composition/Information on Ingredients =====

Ingred Name:TOLUENE (SARA III)

CAS:108-88-3

RTECS #:XS5250000

Fraction by Wt: 10%

Other REC Limits:NONE SPECIFIED

OSHA PEL:200 PPM/150 STEL

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 #:MN9

275000
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

===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Health Hazards Acute and Chronic:MAY CAUSE NERVE DAMAGE OR SEVERE EYE
BURNS. MAY DAMAGE LIVER AND KIDNEYS. MINOR EMBROTOXIC/FETOTOXIC
EFFECTS HAVE BEEN OBSERVED IN LABORATORY RATS EXPOSED TO MEK BY
INHALATION AT LEVELS GREATER THAN 1 000 PPM FOR MOST OF THE
GESTATION PERIOD
.NAUSEA AND/OR NARCOSIS.SEVERE EYE BURNS.
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.
Medical Cond Aggravated by Exposure:RESPIRATORY AILMENTS, LIVER AND
KIDNEY CONDITIONS.

===== First Aid Measures =====

First Aid:SKIN:WASH WITH SOAP AND WATER. REFER TO PHYSICIAN IF
IRRITATIONS PERSISTS. EYES:FLUSH

WITH CLEAN WATER AND REFER TO
PHYSICIAN. INGESTION: DO NOT INDUCE VOMITING. REFER TO PHYSICIAN.
EXCESSION INHALATION: REMOVE PATIENT TO FRESH AIR OR GIVE OXYGEN.
USE CPR IF PATIENT IS NOT BREATHING. REFER TO PHYSICIAN.

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

Flash Point Method: CC
Flash Point: < 0F / < 18C
Lower Limits: 1.2
Upper Limits: 13.0
Extinguishing Media: CO2, FOAM AND DRY CHEMICAL.
Fire Fighting Procedures: NIOSH/MSHA-APPROVED SCBA SHOULD BE WORN. USE
WATER SPRAY TO COOL FIRE-EXPOSED STRUCTURES AND DISPERSE VAPOR
CLOUD IF FIRE IS NOT PRESENT.
Unusual Fire/Explosion Hazard: VAPOR IS HEAVIER THAN AIR AND MAY TRAVEL
CONSIDERABLE DISTANCE TO A SOURCE OF IGNITION AND FLASHBACK.

===== Accidental Release Measures =====

Spill Release Procedures: ABSORB SPILL IN SAND, EARTH, VERMICULITE,
OIL-DRI OR SOL-SPEED-DRI. SHOVEL ABSORBED MATERIAL INTO STEEL
CONTAINER AND COVER.

===== Handling and Storage =====

Handling and Storage Precautions: KEEP CONTAINERS TIGHTLY CLOSED AND
STORE IN APPROVED SOLVENT STORAGE AREA. KEEP AWAY FROM OPEN FLAME,
HEAT, SPARKS, HOT SURFACES AND OXIDIZING AGENTS.

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

Respiratory Protection: USE NIOSH-APPROVED ATMOSPHERE SUPPLYING OR AIR
PURIFYING RESPIRATOR FOR ORGANIC VAPORS AS REQUIRED TO MAINTAIN
EXPOSURE LEVELS BELOW RECOMMENDED LIMITS.
Ventilation: LOCAL: REMOVE VAPORS DURING
PROCESSING. MECHANICAL: EXPLOSION-PROOF EQUIP. SPECIAL: REDUCE VAPOR
CONCENTRATIONS BELOW LIMITS.
Protective Gloves: PVA GLOVES
Eye Protection: SAFETY GLASSES
Other Protective Equipment: PROTECTIVE CLOTHING AS REQUIRED TO PREVENT
SKIN CONTACT.
Work Hygienic Practices: KEEP AREA CLEAN. CLEAN UP SPILLS IMMEDIATELY.
PRACTICE GOOD PERSONAL HYGIENE.
Supplemental Safety and Health
EXPOSURE LIMITS ARE FOR AIR LEVELS ONLY. WHEN SKIN CONTACT OCCURS,
OVEREXPOSURE MAY RESULT

THOUGH AIR LEVELS ARE LESS THAN LIMITS LISTED.

===== Physical/Chemical Properties =====

Boiling Pt:B.P. Text:132F,56C
Vapor Pres:154.0@ 68F
Vapor Density:2.68
Spec Gravity:0.792
Appearance and Odor:TAN. SWEET, PUNGENT ODOR

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES
Stability Condition to Avoid:AVOID HEAT, OPEN FLAMES, SPARKS, HOT SURFACE AND OXIDIZING AGENTS.
Hazardous Decomposition Products:OXIDES OF CARABON, ZINC, MAGNESIUM. HYDROGEN CHLORIDE.

===== Disposal Considerations =====

Waste Disposal Methods:DISPOSE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL CHEMICAL AND SOLVENT WASTE DISPOSAL REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.