

CLIFTON ADHESIVE INC -- FA-1076 -- 8040-00-298-1946

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

Product ID:FA-1076
MSDS Date:09/28/1988
FSC:8040
NIIN:00-298-1946
MSDS Number: BJQBQ
=== Responsible Party ===
Company Name:CLIFTON ADHESIVE INC
Address:BURGESS PLACE
City:WAYNE
State:NJ
ZIP:07474-0832
Country:US
Info Phone Num:201-694-0845
Emergency Phone Num:201-694-0845
CAGE:79833
=== Contractor Identification
n ===
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:METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA III)
CAS:78-93-3
RTECS #:EL6475000
Fraction by Wt: 65%
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:TETRAHYDROFURAN (SARA I

II)
CAS:109-99-9
RTECS #:LU5950000
Fraction by Wt: 49%
Other REC Limits:NONE SPECIFIED
OSHA PEL:200 PPM/250 STEL
ACGIH TLV:200 PPM/250STEL;9192
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:METHYL ISOBUTYL KETONE (SARA III)
CAS:108-10-1
RTECS #:SA9275000
Fraction by Wt: 4%
Other REC Limits:NONE SPECIFIED
OSHA PEL:100 PPM/75 STEL
ACGIH TLV:50 PPM/75 STEL; 9293
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

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

Routes of Entry

: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:MAY CAUSE LIVER AND KIDNEY DAMAGE. CAN
DAMAGE NERVOUS SYSTEM.WEAKNESS IN HANDS AND FEET MAY OCCUR. MINOR
EMBROYOTOXIC/FATOTOXIC EFFECTS HAVE BEEN OBSERVED IN LABORATORY
RATS EXPOSED TO MEK BY INHALATI ON AT LEVELS GREATER THAN 1000 PPM
FOR MOST OF THE GESTATION PERIOD.NAUSEA AND/OR NARCOSIS.

Explanation of Carcinogenicity:NO

Effects of Overexposure:IRRIT

ATION TO EYES AND SKIN. CAN ALSO CAUSE

SKIN DRYNESS. LIQUID INGESTION MAY RESULT IN VOMITING. CAN SEVERELY
BURN EYES. MAY CAUSE VOMITING AND DIARRHEA.

Medical Cond Aggravated by Exposure:RESPIRATORY AILMENTS. MAY CAUSE
INJURY TO LIVER AND KIDNEYS WHEN INGESTED OR INHALED AT HIGH
CONCENTRATIONS.

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

First Aid:SKIN:WASH WITH SOAP AND WATER. GET MEDICAL ATTENTION.

EYES:FLUSH WITH CLEAN WATER AND REFER TO PHYSICIA

N. INGESTION:DO

NOT INDUCE VOMITING. REFER TO PHYSICIAN. EXCESSIVE
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:OC

Flash Point:4F/-15C

Autoignition Temp:Autoignition Temp Text:610

Lower Limits:1.4

Upper Limits:11.8

Extinguishing Media:CO2, FOAM, DRY CHEMICAL.

Fire Fighting Procedures:NIOSH/MSHA APPROVED SCBA SHOULD BE WORN. USE
WATER SPRAY TO COOL FIRE EXPOSED STRUCTURE AND DISPERSE VAPOR CLOUD
IF FIRE IS NOT PRESENT.

Unusual Fire/Explosion Hazard:VAPOR IS HEAVIER THAN AIR AND MAY TRAVEL
CONSIDERABLE DISTANCE TO 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:STORE IN APPROVED SOLVENT STORAGE
AREA. KEEP TIGHTLY CLOSED.KEEP AWAY FROM HEAT OPEN FLAMES, 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
G

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

INGREDIENT EXPOSURE LIMITS ARE FOR AIR LEVELS ONLY. WHEN SKIN CONTACT
OCCURS OVEREXPOSURE MAY RESULT THROUGH A

IR LEVELS ARE LESS THAN
LIMITS LISTED.

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

Boiling Pt:B.P. Text:149F,65C
Vapor Pres:71.3 @ 68F
Vapor Density:2.55
Spec Gravity:0.867
Appearance and Odor:LIGHT AMBER. SWEET PUNGENT ODOR.

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

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

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

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

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