

CLIFTON ADHESIVE, INC. -- FA-1076 -- 8040-00-515-2250

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

Product ID:FA-1076

MSDS Date:09/28/1988

FSC:8040

NIIN:00-515-2250

MSDS Number: BJXMF

=== 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 ===

Company Name:CLIFTON ADHESIVE INC

Address:BURGESS PL

B

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 III)

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 Carcino

genicity: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
EMBRYOTOXIC/FETOTOXIC EFFECTS HAVE BEEN OBSERVED IN LABORATORY RATS
EXPOSED TO MEK BY INHALATI ON AT LEVELS GREATER THAN 1000 PPM (5
TIMES THE OSHA-PEL) FOR MOST OF THE GESTATION PERIOD.CAUSE NAUSEA
AND/OR NARCOSIS.

Effects of Overexposure:IRRITATION TO EYES AND SKIN. CAN ALSO CAUSE
SKIN DRYNESS. LIQU

ID 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:UTILIZE THE SUGGESTED METHODS BELOW. IN EMERGENCY SITUATION
NOTIFY PHYSICIAN IMMEDIATELY. SKIN:WASH WITH SOAP AND WATER. GET
MEDICAL ATTENTION. EYES:FLUSH EYES

ABUNDENTLY WITH CLEAN WATER AND
REFER TO PHYSICIAN. 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:610F
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 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 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 PROCESSING.
MECHANICAL:EXPLOSION-PROOF EQUIP.SPECIAL:REDUCE VAPOR
CONCENTRATIONS BELOW LIMITS
Protective Gloves:USE PVA GLOVES
Eye Protection:WEAR 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

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

=====

HCC:F3

Boiling Pt:B.P. Text:149F,65C

Vapor Pres:71.3@20C

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.

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.