

CLIFTON ADHESIVE INC -- FA1076 MM-A-1617 TYPE 3 -- 8040-00-152-0063  
===== Product Identification =====

Product ID:FA1076 MM-A-1617 TYPE 3  
MSDS Date:03/09/1998  
FSC:8040  
NIIN:00-152-0063  
Status Code:A  
MSDS Number: CKLXC  
=== Responsible Party ===  
Company Name:CLIFTON ADHESIVE INC  
Address:BURGESS PL  
City:WAYNE  
State:NJ  
ZIP:07474-0832  
Country:US  
Info Phone Num:201-694-0845  
Emergency Phone Num:800-424-9300  
Chemtrec Ind/Phone:(800)424-9300  
CAGE:79833  
=== Contractor 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:METHYL ETHYL KETONE  
CAS:78-93-3  
RTECS #:EL6475000  
Fraction by Wt: 65%  
OSHA PEL:200  
ACGIH TLV:200  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:TETRAHYDROFURON (THF)  
CAS:109-99-9  
RTECS

#:LU5950000  
Fraction by Wt: 4%  
OSHA PEL:200  
ACGIH TLV:200  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:METHYL ISOBUTYL KETONE  
CAS:108-10-1  
RTECS #:SA9275000  
Fraction by Wt: 4%  
OSHA PEL:50  
ACGIH TLV:50  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:NITRILE RUBBER (NO FURTHER INFO PROVIDED) TSR #:  
1397250002-5004P  
CAS:9003-18-3

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Health Hazards Acute

and Chronic:ACUTE: NAUSEA AND/OR NARCOSIS.

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 LA B RATS EXPOSED TO MEK BY INHALATION AT LEVELS GREATER THAN 1000 PPM (5 TIMES THE OSHA-PEL) FOR MOST OF THE GESTATION PERIOD. TARGET ORGANS: MEK, BASED ON ANIMAL DATA, MAY CAUSE LIVER ABNORMALITIES, KIDNEY, LUNG AND BRAIN DAMAGE. TERATOGEN. THF-MAY CAUSE LIV

ER OR

KIDNEY ABNORMALITIES. MIBK - MAY CAUSE LIVER ABNORMALITIES, LUNG OR BRAIN DAMAGE, BASED ON ANIMAL DATA.

Explanation of Carcinogenicity:CARCINOGENICITY: NO

Effects of Overexposure:IRRITATION 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 CONCE

NTRATIONS.

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First Aid Measures  
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First Aid:IN EMERGENCY SITUATIONS NOTIFY PHYSICIAN IMMEDIATELY. SKIN:  
WASH WITH SOAP AND WATER. GET MEDICAL ATTENTION. EYES: FLUSH EYES  
ABUNDANTLY WITH CLEAR WATER AND REFER TO PHYSICIAN. INGESTION: DO  
NOT IND UCE VOMITING. REFER TO PHYSICIAN. EXCESSIVE INHALATION:  
REMOVE PATIENT TO FRESH AIR OR GIVE OXYGEN. USE CPR IF PATIENT IS  
NOT BREATHING. REFER TO PHYSICIAN.

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Fire F  
ighting Measures  
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Flash Point Method:OC  
Flash Point:=-15.6C, 4.F  
Autoignition Temp:=-321.1C, 610.F  
Lower Limits:1.4  
Upper Limits:11.8  
Extinguishing Media:CO2, FOAM, DRY CHEMICAL  
Fire Fighting Procedures:NIOSH/MSHA - APPROVED SELF-CONTAINED BREATHING  
APPARATUS 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.

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

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Handling and Storage  
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Handling and Storage Precautions:STORE IN APPROVED SOLVENT STORAGE  
AREA. KEEP TIGHTLY CLOSED. KEEP AWAY FROM HEAT, OPEN FLAMES,  
SPARKS, HOT SURFACES AND OX  
IDIZING AGENTS/  
Other Precautions:NA

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Exposure Controls/Personal Protection  
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Respiratory Protection:USE NIOSH-APPROVED ATMOSPHERE SUPPLYING OR AIR  
PURIFYING RESPIRATOR FOR ORGANIC VAPORS AS REQUIRED TO MAINTAIN  
EXPOSURE LEVELS BELOW RECOMMENDED LIMITS.  
Ventilation:AS SPECIFIED, LOCAL EXHAUST: REMOVE VAPORS DURING  
PROCESSING. MECHANICAL EXHAUST: EXPLOSION-PROOF EQUIPMENT. 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

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

Boiling Pt:=65.C, 149.F

Vapor Pres:71.3 MMHG @ 20C OR 68F

Vapor Density:N/P2.55

Spec Gravity:0.867

VOC Grams/Liter:5.43

Appearance and Odor:LIGHT AMBER, SWEET PUNGENT ODOR.

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

Stability Indicator/Materials to Avoid:YES

NA

Stability Condition to Avoid:AVOID HEAT, OPEN FLAMES, SPARKS, HOT SURFACES, AND OXIDIZING AGENTS.

Hazardous Decomposition Products:OXIDES OF CARBON, NITROGEN ZINC, SULFUR. HYDDROGEN CHLORIDE.

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

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

===== MSDS Transport Information =====

Transport Information:ADHESIVES, UN1133

===== Regulatory Information =====

Federal Regulatory Information:US POSTAL SERV LIMITED QUANTITIES OR BY PRIOR APPROVAL.

State Regulatory Information:

===== Other Information =====

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