

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 LIVE

R 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
CONCEN

TRATIONS.

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

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.

===== Fire Fi
ghting Measures =====

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.

===== 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 OXI
DIZING AGENTS/
Other Precautions:NA

===== 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:AS SPECIFIED, LOCAL EXHAUST: REMOVE VAPORS DURING PROCESSING. MECHANICAL EXHAUST: EXPLOSION-PROOF EQUIPMENT. SPECIAL: REDUCE VAPOR CONCENTRATIONS BELOW LIMITS.
Protective Gloves:PVA GLOVES
E

ye 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.

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===== 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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