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CLIFTON ADHESIVE INC -- FA1076 MM-A-1617 TYPE 3 -- 8040-00-262-9011
========== Product Identification ==========

Product ID:FA1076 MM-A-1617 TYPE 3
MSDS Date:03/09/1998
FSC:8040
NIIN:00-262-9011
Status Code:A
MSDS Number: CKLXD
=== 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: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 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: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, KI DNEY, 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.

========== 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 F
ighting 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 OX
IDIZING 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

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 DISPO
SAL 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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