

CLIFTON ADHESIVE, INC. -- FA-1051 -- 8040-00-290-4301

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Product Identification  
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Product ID:FA-1051

MSDS Date:12/21/1988

FSC:8040

NIIN:00-290-4301

MSDS Number: BHQJT

=== 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 Identifi

cation ===

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

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Composition/Information on Ingredients  
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Ingred Name:TOLUENE (SARA III)

CAS:108-88-3

RTECS #:XS5250000

Fraction by Wt: 16%

OSHA PEL:200 PPM/150 STEL

ACGIH TLV:50 PPM; 9293

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:HEXANE (N-HEXANE)

CAS:110-54-3

RTECS #:MN9275000

Fraction by Wt: 25%

OSHA PEL:500 PPM

ACG

IH TLV:50 PPM; 9293  
EPA Rpt Qty:1 LB  
DOT Rpt Qty:1 LB

Ingred Name:METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA III)  
CAS:78-93-3  
RTECS #:EL6475000  
Fraction by Wt: 13%  
OSHA PEL:200 PPM/300 STEL  
ACGIH TLV:200 PPM/300STEL 9192  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:ACETONE (SARA III)  
CAS:67-64-1  
RTECS #:AL3150000  
Fraction by Wt: 18%  
OSHA PEL:1000PPM  
ACGIH TLV:750PPM/1000STEL;9293  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

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===== Hazards Identification =====  
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE: NAUSEA &/OR NARCOSIS. CHRONIC:  
MAY CAUSE NERVE DAMAGE. MINOR EMBRYOTOXIC/FETOTOXIC EFFECTS HAVE  
BEEN OBSERVED IN LABORATORY RATS EXPOSED TO MEK BY INHALATION AT  
LEVELS GREATER THAN 1000 PPM (5 TIMES THE OSHA-PEL) FOR MOST OF  
THEGESTATION PERIODS.  
Effects of Overexposure:IRRITATION TO EYES AND MUCOUS MEMBRANES. DRY  
AN  
D CRACKED SKIN. LIQUID INGESTION MAY RESULT IN VOMITING. CAN  
CAUSE SEVERE EYE BURNS. TINGLING AND WEAKNESS OF ARMS AND LEGS  
MAY OCCUR.  
Medical Cond Aggravated by Exposure:RESPIRATORY AILMENTS, MAY CAUSE  
DAMAGE TO LIVER, KIDNEY, LUNG, SPLEEN, PERIPHERAL NERVE TISSUE,  
ANDOTHER EYE DAMAGE

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===== First Aid Measures =====  
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First Aid:EYE: FLUSH ABUNDANTLY WITH CLEAN WATER AND REFER TO PHYSICIAN  
SKIN: WASH WITH SOAP AND WATER. REFER TO

PHYSICIAN IF IRRITATION PERSISTS INHAL: REMOVE TO FRESH AIR  
OR GIVE OXYGEN/CPR IF NECESSARY. REFER TO PHYSICIAN.INGESTION: DO  
NOT INDUCE VOMITING. REFER TO PHYSICIAN.

===== Fire Fighting Measures =====

Flash Point Method:TCC  
Flash Point:-25F/-32C  
Autoignition Temp:Autoignition Temp Text:500F  
Lower Limits:1.0  
Upper Limits:12.8  
Extinguishing Media:CO2, FOAM, DRY CHEMICAL  
Fire Fighting Procedures:WEAR SCBA. 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 A SOURCE OF IGNITION AND FLASHBACK.

===== Accidental Release Measures =====

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

===== Handling and Storage =====

Handling and Storage Precautions:KEEP CONTAINERS TIGHTLY CLOSED. KEEP  
AWAY FROM HEAT,SPARKS,OPEN FLAME,HOT SURFACES, AND  
OXIDIZINGAGENTS. STORE IN APPROVED SOLVENT STORAGE AREA.

===== 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 EXHAUST REMOVES VAPORS DURING PROCES/ MECH.  
EXHAUST USE  
EXPLOSION-PROOF EQUIP. REDUCE VAPOR CONCENTR. BELOW SPEC. 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  
NK

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

Boiling Pt:B.P. Text:132F  
Vapor Pressure:116.6@68F  
Vapor Density:2

.64

Spec Gravity:0.828

Appearance and Odor:OPAQUE WITH SWEET SOLVENTY PUNGENT ODOR

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

Stability Indicator/Materials to Avoid:YES

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Stability Condition to Avoid:HEAT, OPEN FLAME, SPARKS, HOT SURFACES,  
AND OXIDIZING AGENTS

Hazardous Decomposition Products:OXIDES OF CARBON, MAGNESIUM, ZINC,  
HYDROGEN CHLORIDE

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

Waste Disposal Methods:DISPOSE IN ACCORDANCE WI

TH FEDERAL, STATE, AND

LOCAL CHEMICAL AND SOLVENT WASTE DISPOSAL REGULA- TIONS.

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