

TACC INTERNATIONAL CORP -- MMM-A-1617A SOLVENTBORNE NEOPRENE ADHESIVE --
8040-00-664-4318

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

Product ID:MMM-A-1617A SOLVENTBORNE NEOPRENE ADHESIVE

MSDS Date:10/03/1997

FSC:8040

NIIN:00-664-4318

Status Code:A

MSDS Number: CLPWW

=== Responsible Party ===

Company Name:TACC INTERNATIONAL CORP

Address:AIR STATION INDUSTRIAL PARK

City:ROCKLAND

State:MA

ZIP:02370

Country:

US

Info Phone Num:781-878-7015

Emergency Phone Num:800-424-9300

Preparer's Name:ERNEST CARTER

Chemtec Ind/Phone:(800)424-9300

CAGE:0HZU1

=== Contractor Identification ===

Company Name:TACC INTERNATIONAL CORP

Address:AIR STATION INDUSTRIAL PARK

Box:City:ROCKLAND

State:MA

ZIP:02370

Country:US

Phone:781-878-7015

CAGE:0HZU1

===== Composition/Information on Ingredients =====

Ingred Name:TOLUENE

CAS:108-88-3

RTECS #:XS5250000

Minimum % Wt:1.

Maximum % Wt:5.

OSHA PEL:SEE TABLE Z-2

ACGIH TLV:188 MG/M3;50 PPM
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:HEXANE
CAS:110-54-3
RTECS #:MN9275000
Minumum % Wt:20.
Maxumum % Wt:50.
OSHA PEL:1800 MG/M3;500 PPM
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:ACETONE
CAS:67-64-1
RTECS #:AL3150000
< Wt:1.
OSHA PEL:2400 MG/M3;1000 PPM
ACGIH TLV:1780 MG/M3;750 PPM
ACGIH STEL:2380 MG/M3;1000 PPM
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:METHYL ETHYL KETONE
CAS:78-93-3
RTECS #:EL6475000
Minumum % Wt:5.
Maxumum % Wt
:20.
OSHA PEL:590 MG/M3;200 PPM
ACGIH TLV:590 MG/M3;200 PPM
ACGIH STEL:885 MG/M3;300 PPM
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

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

Effects of Overexposure:INHALATION: ACUTE SIGNS OF OVEREXPOSURE COULD
BE HEADACHE, DIZZINESS, NAUSEA, UPPER
RESPIRATORY DRYNESS OR IRRITATION, DROWSINESS, MENTAL DEPRESSION OR
NARCOSIS,
DIFFICULTY IN BREATHING.CHRONIC EFFECT S OF OVEREXPOSURE TO SOLVENT
VAPORS COULD
LEAD TO PERMANENT E

EFFECTS TO THE NERVOUS SYSTEM, BODY ORGANS, OR THE BRAIN. USE WITH ADEQUATE VENTILATION. EYES: IRRITATION. SKIN: REMOVAL OF SKIN OILS, IRRITATION, DERMATITIS, EVEN SENSITIZATION WITH LONG OVEREXPOSURE. INGESTION: MAY BE HARMFUL OR FATAL IF SWALLOWED.

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

First Aid:INHALATION: GET FRESH AIR, IF NECESSARY CALL PHYSICIAN. SKIN: WASH WITH MILD SOAP AND WATER, APPLY A MILD CREAM. EYES: FLUSH WITH WATER FOR AT LEAST 15 MINUTES. INGESTION:CALL POISON CENTER IMMEDIATELY.

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

Flash Point Method:TCC
Lower Limits:1.1%
Upper Limits:12.8%
Extinguishing Media:FOAM, DRY CHEMICAL, CARBON DIOXIDE, WATER SPRAY OR FOG.
Fire Fighting Procedures:AVOID BREATHING SMOKE. USE AIR SUPPLIED RESCUE EQUIPMENT FOR ENCLOSED AREA. WATER TENDS TO SPREAD BURNING LIQUID IF LARGE AMOUNTS USED.
Unusual Fire/Explosion Hazard:FLAMMABLE. VAPORS MAY IGNITE EXPLOSIVELY AND/OR CAUSE FLASH FIRES.ELIMINATE SOURCES OF IGNITION. NO SMOKING. USE ADEQUATE CROSS VENTILATION SUFFICIENT TO REMOVE ODOR OF SOLVENT. AND VAPORS. ELECTRICAL LY GROUND ALL CONTAINERS DURING TRANSFER.

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

Spill Release Procedures:SMALL QUANTITIES MAY BE ABSORBED INTO AN APPROPRIATE ABSORBENT. FOR LARGE SPILLS SEE SECTIONS IV, VIII, AND IX.

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

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Handling and Storage Precautions:KEEP CONTAINER CLOSED WHEN NOT IN USE. STORE AT 60-95 DEGREES F AND OUT OF THE SUN. USE ADEQUATE VENTILATION TO AVOID BREATHING VAPORS WHEN COVER IS REMOVED. GROUND ALL EQUIPMENT WHEN HANDLING FLAMMABLE SOLVENTBORNE MATERIALS.

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===== Exposure Controls/Personal Protection =====

Respiratory Protection:IF VAPORS EXCEED TLV USE SELF CONTAINED ORGANIC MASK NIOSH APPROVED.
Ventilation:SUFFICIENT TO KEEP WORKROOM CONCENTRATION BELOW

TLV.
Protective Gloves:CHEMICAL RESISTANT GLOVES.
Eye Protection:SAFETY GLASSES OR FACE SHIELD.
Other Protective Equipment:BARRIER CREAM FOR SENSITIVE SKIN.
Supplemental Safety and Health

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

Boiling Pt:B.P. Text:133-231 DEG F
Vapor Density:HEAVIER
Spec Gravity:0.87755
VOC Grams/Liter:7.31
Evaporation Rate & Reference:FASTER THAN N-BUTYL ACETA
Appearance and Odor:NEUTRAL, TYPICAL ODOR
Percent Volatiles by Volume:73.6%

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

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS, STRONG ACIDS AND BASES.
Stability Condition to Avoid:FIRE, SPARKS, STATIC ELECTRICITY.
Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE.
Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Waste Disposal Methods:MATERIAL IS DESIGNED AS HAZARDOUS WASTE UNTIL
ALL SOLVENTS AND VAPO
RS HAVE
EVAPORATED. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL
REGULATIONS.
DRIED ADHESIVE MAY BE DISPOSED OF AS ORDINAR Y WASTE.

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

SARA Title III Information:THIS PRODUCT CONTAINS THE FOLLOWING TOXIC
CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF
THE EMERGENCY PLANNING AND COMMUNITY RIGHT TO KNOW ACT OF 1986 AND
OF 40 CFR 372:Federal Regulatory Information:PROP 65 (BOTH
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NOGEN AND TERATOGEN) (CONT.) IMPLIED, EXCEPT THAT IT IS ACCURATE TO THE BEST KNOWLEDGE OF TACC INTERNATIONAL. THE DATA ON THIS SHEET RELATES ONLY TO THE SPECIFIC MATERIAL DESIGNATED HEREIN. TACC INTERNATIONAL ASSUMES NO LOCAL RESPONSIBILITY FOR USE OR RELIANCE UPON THESE DATA.

State Regulatory Information:PROP 65 (CARCINOGEN)WARNING: THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.PROP 65 (TERATOGEN) WARNING: THIS PRODUCT CONTAINS A

CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM. CAS#108-88-3 CHEMICAL NAME TOLUENE:

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