

TACC INTERNATIONAL CORP. -- ADHESIVE MA-412 -- 8040-00-165-8614

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

Product ID:ADHESIVE MA-412

MSDS Date:01/01/1987

FSC:8040

NIIN:00-165-8614

MSDS Number: BJYFC

=== Responsible Party ===

Company Name:TACC INTERNATIONAL CORP.

Address:AIR STATION INDUSTRIAL PARK

Box:390

City:ROCKLAND

State:MA

ZIP:02370

Country:US

Info Phone Num:617-878-7015

Emergency Phone Num:800-424

-9300 CHEMTREC

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:HEXANE (N-HEXANE)

CAS:110-54-3

RTECS #:MN9275000

Fraction by Wt: 42-50%

Other REC Limits:\*

OSHA PEL:500 PPM

ACGIH TLV:50 PPM; 9293

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

Ingred Name:TOLUENE (SARA III)

CAS:108-

88-3  
RTECS #:XS5250000  
Fraction by Wt: 15-18%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:200 PPM/150 STEL  
ACGIH TLV:50 PPM; 9293  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:ACETONE (SARA III)  
CAS:67-64-1  
RTECS #:AL3150000  
Fraction by Wt: 20-25%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:1000PPM  
ACGIH TLV:750PPM/1000STEL;9293  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:ETHYL ALCOHOL (ETHANOL)  
CAS:64-17-5  
RTECS #:KQ6300000  
Fraction by Wt: 2%  
Other REC Limits:NONE SPECIFIED  
OSHA  
PEL:1000 PPM  
ACGIH TLV:1000 PPM; 9192

Ingred Name:VOC = 635 G/L  
RTECS #:9999999VO  
Other REC Limits:NONE SPECIFIED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:OVEREXPOSURE TO SOLVENT VAPORS COULD  
LEAD TO PERMANENT EFFECTS TO THE NERVOUS SYSTEM, BODY ORGANS OR THE  
BRAIN. USE WITH ADEQUATE VENTILATION.  
Effects of Overexposu

re:HEADACHE, DIZZINESS, NAUSEA, UPPER RESPIRATORY DRYNESS OR IRRITATION, DROWSINESS, MENTAL DEPRESSION OR NARCOSIS DIFFICULTY IN BREATHING. EYES:IRRITATION. INGESTION:MAY BE HARMFUL IF SWALLOWED. SKIN:RE MOVAL OF SKIN OILS, IRRITATION, DERMATITIS, EVEN SENSITIZATION.

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

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

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

Flash Point Method:CC  
Flash Point:0F,-18C  
Lower Limits:1.1  
Upper Limits:12.8  
Extinguishing Media:FOAM, DRY CHEMICAL, CO2, 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:EXTREM FLAM.VAPORS MAY IGNIT EXPLO S &/OR CAUSE FLASH FIRES.ELIMINATE SOURCES OF IGNIT.NO SMOKING.USE ADEQUATE CROSS VENT SUFFIC TO REMOVE ODOR OF SOLVENT VAPORS

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

Spill Release Procedures:SMALL QUANTITIES MAY BE ABSORBED INTO AN APPROPRIATE ABSORBANT.

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

Handling and Storage Precautions:KEEP CONTAINER CLOSED WHEN NOT IN USE.STORE 60-95F OUT OF SUN.USE ADEQUATE VENTILATION.AVOID BREATHING VAPOR WHEN COVER REMOVED.GROUND ALL EQUIPMENT.

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

Respiratory Protection:IF VAPORS EXCEED TLV USE CONTAINED ORGANIC MASK NIOSH APPROVED.  
Ventilation:LOCAL EXHAUST 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

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

HCC:F2

Boiling Pt:B.P. Text:133F,56C

Vapor Pres:136MM

Vapor Density:> 1

Spec Gravity:0.81

Evaporation Rate & Reference:> 1 (BUTYL ACETATE=1)

Solubility in Water:NIL

Appearance and Odor:AMBER, KETONE ODOR

Percent Volatiles by Volume:80

===== 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:CO AND CO2

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

Waste Disposal Methods:LIQUID MATERIAL IS DESIGNATED AS HAZARDOUS WASTE UNTIL ALL SOLVENTS AND VAPORS HAVE EVAPORATED. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. DRIED ADHESIVE MAY BE DISPOSED OF AS ORDINARY WASTE.

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