

SEAGRAVE CORP TITANINE DIVISION -- M-1364 CLEAR ADHESIVE TYPE II, MMM-A-105 --  
8040-00-270-8150

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

Product ID:M-1364 CLEAR ADHESIVE TYPE II, MMM-A-105

MSDS Date:05/05/1987

FSC:8040

NIIN:00-270-8150

MSDS Number: BDRSX

=== Responsible Party ===

Company Name:SEAGRAVE CORP TITANINE DIVISION

Address:320 PATERSON PLANK RD

City:CARLSTADT

State:NJ

ZIP:07072-2302

Country:US

Info Phone Num:(201)933-1000

Emergency Phone Num:(201)933-1000

Preparer's Name:STEVENS INDUSTRIES

CAGE:78767

=== Contractor Identification ===

Company Name:SEAGRAVE CORP TITANINE DIVISION

Address:320 PATERSON PLANK RD

Box:City:CARLSTADT

State:NJ

ZIP:07072-2302

Country:US

CAGE:78767

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

Ingred Name:LACTOL SPIRITS

CAS:64742-89-8

Fraction by Wt:

Other REC Limits:400PPM

OSHA PEL:N/K

ACGIH TLV:N/K

Ingred Name:TOLUENE (SARA III)

CAS:108-88-3  
RTECS #:XS5250000  
Fraction by Wt:  
Other REC Limits:100PPM  
OSHA PEL:200 PPM/150 STEL  
ACGIH TLV:50 PPM; 9293  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:ISOPROPYL ALCOHOL (SARA III)  
CAS:67-63-0  
RTECS #:NT8050000  
Other REC Limits:400PPM  
OSHA PEL:400 PPM/500 STEL  
ACGIH TLV:400 PPM/500STEL;9192

Ingred Name:METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA III)  
CAS:78-93-3  
RTECS #:EL6475000  
Fraction by Wt:  
Other REC Limits:100PPM  
OSHA PEL:200 PPM/300 STEL  
ACGIH TLV:200 PPM/300S  
TEL 9192  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

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

LD50 LC50 Mixture:N/K  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ROUTE OF ENTRY-EYE:YES. ACUTE:PALE,  
NAUSEOUS, DIZZY, WEAKNESS. CHRONIC:UNKNOWN.  
Explanation of Carcinogenicity:NOT APPLICABLE  
Effects of Overexposure:POSSIBLE DIZZINESS, HEADACHE, NAUSEOUS, WEAK OR  
IRRIT  
ATION.

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

First Aid:TREAT SYMPTOMATICALLY-CONSULT PHYSICIAN.EYE: IMME FLUSH W/LGE  
AMTS OF WTR FOR AT LEAST 15 MIN.TAKE TO PHYSICIAN. INHAL:RMOV TO  
FRESH AIR.SUPPORT BREATHING(GIVE ARTIFICIAL RESPIRATION .TREA T  
SYMPTOMATICALLY-CONSULT PHYSICIAN.INGES:DRINK 1-2 GLASSES OF WTR TO  
DILUTE. DO NOT INDUCE VOMITING. CONSULT PHYSICIAN. SKIN:WASH W/SOAP  
& WTR, RMOV CONTAM CLOTHING,CONSULT PHYSICIAN IF NEEDED.

=====

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

Flash Point Method:TCC

Flash Point:21F/-6.1C

Lower Limits:1.4

Upper Limits:12.0

Extinguishing Media:CO2, DRY CHEMICAL, FOAM.

Fire Fighting Procedures:DO NOT USE WATER-EXCEPT W/FOG NOZZLES. USE NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE EQUIPMENT .

Unusual Fire/Explosion Hazard:DO NOT USE ON HOT SURFACES/IN AREA WHERE ELEC SPRK MAY BE PRSNT/WHERE STATC CHARGE MAY BE GEN.DUE TO EXTREML HEAT EXPOS,PRESS MAY BUILD UP IN CLOSE D (SUP DAT)

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

Spill Release Procedures:REMOVE ANY SOURCE OF SPARK/FLAME,PROVIDE IMMEDIATE VENT, AVOID BREATHING VAPORS & WEAR APPROPRIATE RESPIRATOR. ADD ABSORBENT TO SPILL, PLACE IN SEALED METAL CONTAINERS USING NON-SPARKING TOOLS.

Neutralizing Agent:N/K .

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

Handling and Storage Precautions:STORE IN RED LABEL AREA IN ORIGINAL CONTAINERS.

Other P

recautions:GROUND ALL EQUIPMENT & CONTAINERS.

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

Respiratory Protection:NIOSH/MSHA APPROVED CHEMICAL FILTERS DESIGNED TO REMOVE A COMBINATION OF PARTICLES/VAPORS. IN CONFINED AREAS APPROVED AIR LINE TYPE RESPIRATORS OR HOODS.

Ventilation:NECESSARY, LOCAL EXHAUST-RECOMMENDED.

MECHANICAL-ACCEPTABLE. SPECIAL-WEAR DUST MASK WHILE SANDING DRY PAINT FILM.

Protective Gloves:SOLVENT RESISTANT GLOVES.

Eye Protection:CHEMICAL WORKER GOGGLES.

Other Protective Equipment:APRON & BOOTS RECOMMENDED. IF SKIN CONTACT IS LIKELY USE PROTECTIVE SKIN CREAM. EYE BATH & SAFETY SHOWER.

Work Hygienic Practices:N/K

Supplemental Safety and Health

BP:175-232F/79.4-111.1C.% VOLT:N/K . PH:N/K .UNUS FR&EXPLO

HAZ:CNTNR,WHCH MAY EXPLODE.WTR MAY BE USED TO COOL UNRUPTURD CNTNR.

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

HCC:F2

Boiling Pt:B.P. Text:175-232F

Melt/Freeze Pt:M.P/F.P Text:N/APPLICABL

Decom

p Temp:Decomp Text:N/K  
Vapor Density:HV THN AIR  
Spec Gravity:0.90  
Evaporation Rate & Reference:N/K  
Solubility in Water:NONE  
Appearance and Odor:LIQUID - MILD  
Corrosion Rate:

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

Stability Indicator/Materials to Avoid:YES  
NONE KNOWN  
Stability Condition to Avoid:EXCESSIVE HEAT AND FIRE  
Hazardous Decomposition Products:OXIDES OF CARBON  
Conditions to Avoid Polymerization:HIGH TEMPERATURE

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE W/FEDERAL,STATE & LOCAL REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):  
This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.