

SEAGRAVE CORP TITANINE DIVISION -- M-4886 CLEAR POLYURETHANE -- 8030-00-241-2498

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Product Identification
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Product ID:M-4886 CLEAR POLYURETHANE

MSDS Date:10/07/1986

FSC:8030

NIIN:00-241-2498

MSDS Number: BGZYY

=== 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

E

mergency Phone Num:201-933-1000

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

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

CAS:108-88-3

RTECS #:XS5250000

Other REC Limits:100 PPM

OSHA PEL:200 PPM/150 STEL

ACGIH TLV:50 PPM; 9293

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:N-BUTYL ACETATE (SA

RA III)
CAS:123-86-4
RTECS #:AF7350000
Other REC Limits:150 PPM
OSHA PEL:150 PPM/200 STEL
ACGIH TLV:150 PPM/200STEL;9192
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA III)
CAS:78-93-3
RTECS #:EL6475000
Other REC Limits:590 MG/CUM
OSHA PEL:200 PPM/300 STEL
ACGIH TLV:200 PPM/300STEL 9192
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:2-ETHOXYETHYL ACETATE (CELLOSOLVE ACETATE) (EGEEA)
CAS:111-15-9
RTECS #:KK8225000
OSHA PEL:S,100 PPM
AC
GIH TLV:S, 5 PPM; 9192

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

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:INHALATION: PALE, NAUSEOUS, DIZZINESS,
WEAKNESS, POSSIBLE HEADACHE, WEAK & IRRITATION.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:INHALATION: PALE, NAUSEOUS, DIZZINESS,
WEAKNESS, POSSIBLE HEADACHE, WEAK & IRRITATION.

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= First Aid Measures =====

First Aid:INHALATION: REMOVE TO FRESH AIR, RESTORE BREATHING, TREAT
SYMPTOMATICALLY, CONSULT PHYSICIAN. EYES: FLUSH IMMEDIATELY W/LARGE
AMOUNTS OF WATER, CONSULT PHYSICIAN. SKIN: WASH W/SOAP & WATER,
REMOVE CON TAMINATED CLOTHING, CONSULT PHYSICIAN. INGESTION: DRINK
1-2 GLASSES OF WATER TO DILUTE. DON'T INDUCE VOMITING. CONSULT
PHYSICIAN.

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

Flash Point Method:T

CC

Flash Point:21F

Lower Limits:1.24%

Upper Limits:12.7%

Extinguishing Media:CO2, DRY CHEMICAL, FOAM

Fire Fighting Procedures:DON'T USE WATER EXCEPT W/FOG NOZZLES. DON'T USE ON HOT SURFACES/WHERE STATIC CHARGE MAY BE GENERATED. HYDROGEN CHLORIDE MAY FORM UNDER FIRE CONDITIONS.

Unusual Fire/Explosion Hazard:DUE TO EXTREMAL HEAT EXPOSURE, PRESSURE MAY BUILD UP IN CLOSED CONTAINERS, WHICH MAY EXPLODE. WATER MAY BE USED TO COOL UNRUPTURED CONTAINERS.

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

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

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

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

Other Precautions:GROUND ALL EQUIPMENT & CONTAINERS WHEN POURING.

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

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

Ventilation:LOCAL EXHAUST: RECOMMENDED. MECHANICAL: ACCEPTABLE.

Protective Gloves:RUBBER

Eye Protection:GOGGLES

Other Protective Equipment:APRON, BOOTS, EYE BATH, SAFETY SHOWER & SKIN CREAM.

Work Hygienic Practices:REMOVE CONTAMINATED CLOTHING.

Supplemental Safety and Health

KEY1:F3. THIS ENTRY DESCRIBES PART 1 OF A TWO PART KIT. SEE THIS SAME NSN, P/N IND B, FOR PART 2 DATA.

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

HCC:F2

Boiling Pt:B.P. Text:302F

Vapor Density:>AIR

Spec Gravity:0.94

Solubility in Water:SLIGHT

Appearance and Odor:LIQUID, MILD

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

Stability Indicator/Materials to Avoid:YES

Stability Condition to Avoid:EXCESSIVE HEAT/FIRE, STRONG OXIDI

ZING
AGENTS.

Hazardous Decomposition Products:HYDROGEN CHLORIDE & CO, CO2

Conditions to Avoid Polymerization:HIGH TEMPERATURES

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

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

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