

SEAGRAVE COATINGS CORP -- 12065 CONVERTER FOR M4886 -- 8030-00-241-2498

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Product Identification
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Product ID:12065 CONVERTER FOR M4886

MSDS Date:10/07/1986

FSC:8030

NIIN:00-241-2498

MSDS Number: BGZYZ

=== Responsible Party ===

Company Name:SEAGRAVE COATINGS CORP

Address:320 PATTERSON PLANK RD.

City:CARLSTADT

State:NJ

ZIP:07072

Info Phone Num:(201) 933-1000

Emergency Phone Num:(201) 933-1

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CAGE:DO631

=== Contractor Identification ===

Company Name:SEAGRAVE COATINGS CORP OF VA.

Address:4030 SEAGUARD AVENUE

City:PORTSMOUTH

State:VA

ZIP:23701

Phone:1-800-424-9300

CAGE:DO631

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:XYLENES (O-,M-,P- ISOMERS) (SARA III)

CAS:1330-20-7

RTECS #:ZE2100000

Other REC Limits:10

0 PPM
OSHA PEL:100 PPM/150 STEL
ACGIH TLV:100 PPM/150STEL;9192
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:N-BUTYL ACETATE (SARA 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:1,6-DIISOCYANATOHEXANE (HEXAMETHYLENE DIISOCYANATE)
CAS:822-06-0
RTECS #:MO1740000
Other REC Limits:0.035 MG/CUM
ACGIH TLV:0.005 PPM; 9192
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name
:TOLUENE-2,4-DIISOCYANATE (TDI) (SARA III)
CAS:584-84-9
RTECS #:CZ6300000
Other REC Limits:0.005 PPM
OSHA PEL:C,0.02 PPM/0.02 STEL
ACGIH TLV:0.005PPM/0.02STEL;93
EPA Rpt Qty:100 LBS
DOT Rpt Qty:100 LBS

Ingred Name:ALIPHATIC POLYISOCYANATE
CAS:28182-81-2
RTECS #:NQ9170000

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

===== 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: EYES: WATERING. SKIN: RASH, ITCHING, HIVES IN ALLERGIC DERMATITIS. INHALATION: IRRITATION TO EYES, NOSE, & LUNGS, COUGHING, HEADACHE, TIGHTNESS IN CHEST & BURNING SENSATION.

Explanation of Carcinogenicity: NONE

Effects of Overexposure: INHALATION: IRRITATION TO EYES, NOSE, THROAT & LUNGS, COUGHING, HEADACHE, TIGHTNESS IN CHEST & BURNING SENSATION. EYE:

WATERING. SKIN: RASH, ITCHING, HIVES IN ALLERGIC DERMATITIS.

Medical Cond Aggravated by Exposure: ALLERGIC DERMATITIS/RESPIRATORY REACTION/ASTHMA.

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First Aid Measures
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First Aid: INHALATION: MOVE TO AN EXPOSURE FREE AREA. OXYGEN/ARTIFICIAL RESPIRATION IF NEEDED, GET MEDICAL ATTENTION. EYES: FLUSH W/LOW PRESSURE CLEAN WATER AT LEAST 15 MINUTES. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING BEFORE REUSE. WASH W/SOAP &

WATER. INGESTION: DON'T INDUCE VOMITING, GET MEDICAL ATTENTION.

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Fire Fighting Measures
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Flash Point Method: TCC

Flash Point: 84F

Lower Limits: 1.0%

Upper Limits: 12.7%

Extinguishing Media: CO2, DRY CHEMICAL, FOAM

Fire Fighting Procedures: FULL EMERGENCY EQUIPMENT/SCBA. SOLVENT VAPORS MAY BE HEAVIER THAN AIR. ISOLATE FROM HEAT, SPARKS & OPEN FLAME.

Unusual Fire/Explosion Hazard: CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT/BURST WHEN

CONTAMINATED W/WATER. VAPORS MAY

BUILDUP/TRAVEL ALONG THE GROUND/MAY RESULT FLASHBACK.

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Accidental Release Measures
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Spill Release Procedures: EVACUATE NON-ESSENTIAL PERSONNEL. REMOVE ALL SOURCES OF IGNITION, VENTILATE AREA. WEAR APPROPRIATE PROTECTIVE EQUIPMENT/RESPIRATORS. DIKE SPILL & ADD MORE DECONTAMINANT MATERIAL. REMOVE CONTAINERS TO SAFE PLACE, COVER LOOSELY. WASH DOWN W/WATER.

Neutralizing Agent: AMMONIUM HYDROXIDE (0-10%), DETE

RGENT (2-5%) &
BALANCE WATER.

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Handling and Storage
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Handling and Storage Precautions:STORE IN RED LABEL AREA IN ORIGINAL CONTAINERS. THIS PRODUCT MAY INCINERATE. HANDLE EMPTY CONTAINERS W/CARE DUE TO PRODUCT RESIDUE & VAPORS.

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Exposure Controls/Personal Protection
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Respiratory Protection:USE RESPIRATOR RECOMMENDED FOR USE IN ISOCYANATE CONTAINING ENVIRONMENTS/FILTERS TO REDUCE ENVIRONMENTAL CONTAMINATION.

Ventilation:LOCAL EXHAUST REQUIRED. MECHANICAL: EXHAUST AIR MAY BE NEEDED TO BE CLEANED BY SCRUBBERS.

Protective Gloves:RESISTANT

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

Work Hygienic Practices:REMOVE & WASH CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

KEY1:F4. THIS ENTRY DESCRIBES PART 2 OF A TWO PART KIT. SEE THIS SAME NSN, P/N IND A, FOR PART 1 DATA.

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Physical/Chemical Properties
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HCC:F3

Boiling Pt:B.P. Text:302F

Vapor Density:>AIR

Spec Gravity:1.074

Solubility in Water:INSOLUBLE

Appearance and Odor:LIQUID, MILD

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Stability and Reactivity Data
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Stability Indicator/Materials to Avoid:YES

WATER ALCOHOLS, AMINES, STRONG BASES, METAL COMPOUNDS/SURFACE ACTIVE MATERIALS.

Stability Condition to Avoid:TEMPS >120F. MOISTURE & OTHER MATERIALS WHICH REACT W/ISOCYANATES. HEAT, SPARKS & OPEN FLAME.

Hazardous Decomposition Product

ts:CO2, CO, OXIDES OF NITROGEN, TRACES OF
HCN, TDI, HDL, TOXIC GASES & SMOKE.

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

Waste Disposal Methods:THIS PRODUCT MAY INCINERATE. HANDLE EMPTY
CONTAINERS W/CARE DUE TO REDUCE ENVIRONMENTAL CONTAMINATION, NOTIFY
APPROPRIATE AUTHORITIES.

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