

THE DEXTER CORPORATION -- POLYURETHANE FUEL TANK COATING -- 8030-00-498-5268

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

Product ID:POLYURETHANE FUEL TANK COATING

MSDS Date:05/24/2000

FSC:8030

NIIN:00-498-5268

Status Code:A

MSDS Number: CLJMZ

=== Responsible Party ===

Company Name:THE DEXTER CORPORATION

Address:1 EAST WATER STREET

City:WAUKEGAN

State:IL

ZIP:60085

Country:US

Info Phone Num:847-623-4200

Emergency Phone Num:(800)424-9300

Preparer's Name:HENRY SIMMONS

Chem

trec Ind/Phone:(800)424-9300

CAGE:91342

=== Contractor Identification ===

Company Name:DEXTER CORP THE PACKAGING PRODUCTS DIV

Address:1-7 E WATER ST

Box:City:WAUKEGAN

State:IL

ZIP:60085-5614

Country:US

Phone:847-623-4200

CAGE:91342

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

Ingred Name:BUTYL ACETATE

CAS:123-86-4

RTECS #:AF7350000

Minumum % Wt:10.

Maxumum % Wt:20.

OSHA PEL:710 MG/M3;150 PPM

ACGIH TLV:713 MG/M3;150 PPM

ACGIH STEL:950 MG/M3;200 PPM

EPA Rpt Qty:5000 LBS

D

OT Rpt Qty:5000 LBS

Ingred Name:TOLUENE

CAS:108-88-3

RTECS #:XS5250000

&lt; Wt:10.

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:1-METHOXY 2-PROPANOL ACETATE

CAS:108-65-6

RTECS #:AI8925000

&lt; Wt:10.

Ingred Name:CYCLOHEXANONE

CAS:108-94-1

RTECS #:GW1050000

&lt; Wt:10.

OSHA PEL:200 MG/M3;50 PPM

ACGIH TLV:100 MG/M3;25 PPM

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:METHYL ETHYL KETONE

CAS:78-93-3

RTECS #:EL6475000

Minumum % W

t:10.

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

Ingred Name:METHYL ISOBUTYL KETONE

CAS:108-10-1

RTECS #:SA9275000

Minumum % Wt:10.

Maxumum % Wt:20.

OSHA PEL:410 MG/M3;100 PPM

ACGIH TLV:205 MG/M3;50 PPM

ACGIH STEL:307 MG/M3;75 PPM

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:ESTER (URETHANE GRADE)

CAS:111-15-9

RTECS #:KK8225000

&lt; Wt:10.

OSHA PEL:540 M/M3;100 PPM

ACGIH TLV:27 MG/M3;5

PPM

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Health Hazards Acute and Chronic:ACUTE: OVER EXPOSURE BY INHALATION MAY CAUSE IRRITATION OF THE RESPIRATORY TRACT, HEADACHE, HEADACHE, DIZZINESS, DIZZINESS OR DROWSINESS. CHRONIC: THESE HAZARDOUS MATERIALS LISTED IN SECTION II MAY AFFECT THE FOLLOWING ORGANS: RESPIRATORY TRACT- CENTRAL NERVOUS SYSTEM - KIDNEYS - LIVER - CARDIAC SENSITIZATION-BL

OOD-CORNEAL INJURY

Effects of Overexposure:ACUTE: OVER EXPOSURE BY INHALATION MAY CAUSE IRRITATION OF THE RESPIRATORY TRACT, HEADACHE, HEADACHE, DIZZINESS, DIZZINESS OR DROWSINESS. SKIN OR EYE CONTACT: IRRITANT TO THE EYES AND SKIN.

Medical Cond Aggravated by Exposure:UNKNOWN AT THIS TIME.

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

First Aid:INHALATION: REMOVE FROM EXPOSURE. EYE CONTACT: FLUSH IMMEDIATELY WITH LARGE AMOUNTS OF RUNNING WATER FOR AT LEAST 15

MINUTES. SKIN CONTACT: REMOVE CONTAMINATED CLOTHING AND WASH SKIN WITH SOAP AND WATER. INGESTION: DRINK WATER. AS NECESSARY, CONSULT A PHYSICIAN FOR ANY OF THOSE CONDITIONS

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

Flash Point Method:SCC

Flash Point:=-5.C, 23.F

Lower Limits:1.10

Extinguishing Media:USE WATER FOG, FOAM, DRY CHEMICAL, OR CARBON DIOXIDE.

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

Spill Release Procedures

:REMOVE ALL SOURCES OF IGNITION. AVOID

BREATHING VAPORS, VENTILATE AREA, AND REMOVE WITH INERT ABSORBENT AND NON-SPARKING TOOLS. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. BEFORE ATTEMPTING TO CLEAN UP. SEE SECTION II.

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

Handling and Storage Precautions:DO NOT TAKE INTERNALLY. CONTAINERS SHOULD BE GROUNDED WHEN POURING. AVOID FREE SPILL OF LIQUID IN EXCESS OF A FEW INCHES. MAKE

SURE THE DRUM IS COMPLETELY EMPTY  
BEFORE ATTEMPTING TO WELD OR BREEZE. THE DRUM SHOULD BE  
INDUSTRIALLY CLEANED PRIOR TO REUSE.

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

Respiratory Protection: WHERE GENERAL DILUTION OR LOCAL EXHAUST FAILS TO  
ADEQUATELY DILUTE THE WA/PEL OF THE MATERIAL, THEN RESPIRATORY  
PROTECTION SHOULD USED AS FOLLOWS: IN ACCORD WITH 29CFR 1910.134,  
USE NIOSH/MSHA APPROVE D AIR TYPE RESPIRATORS OR HOODS FOR ENCLOSED  
AND CONFI

NED AREAS. AIR PURIFYING RESPIRATORS MAY BE USED FOR OTHER  
AREAS.

Ventilation: PROVIDE GENERAL DILUTION OR LOCAL EXHAUST VENTILATION TO  
KEEP THE TWA AND LELE BELOW ACCEPTABLE LIMITS AND TO REMOVE  
DECOMPOSITION PRODUCTS.

Protective Gloves: CHEMICAL RESISTANT GLOVES ARE REQUIRED OR REPEATED  
CONTACT.

Eye Protection: USE SAFETY EYEWEAR DESIGNED TO PROTECT AGAINST SPLASH OF  
LIQUIDS.

Supplemental Safety and Health

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

Boiling Pt:=79.4C, 175.F

B.P. Text:175-355F

Vapor Density:>AIR

VOC Grams/Liter:8.36

Percent Volatiles by Volume:4.8

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

Stability Indicator/Materials to Avoid: YES

Hazardous Decomposition Products: FUMES MAY CONTAIN CARBON MONOXIDE AND  
OXIDES OF NITROGEN. MAY PRODUCE HAZARDOUS FUMES WHEN TO  
DECOMPOSITION AS IN WELDING.

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

SARA Title III Information: SARA 313,

TOLUENE, 108-88-2 6%, METHYL  
ETHYL KETONE 78-93-3 16%, METHYL ISOBUTYL KETONE 108-10-1 12%,  
GLYCOL ETHER 111-15-9 9%.

Federal Regulatory Information:CLEAN AIR ACT,TOLUENE, 108-88-2 6%,  
METHYL ETHYL KETONE 78-93-3 16%, METHYL ISOBUTYL KETONE 108-10-1  
12%, GLYCOL ETHER 111-15-9 9%.

State Regulatory Information:PROP 65, TOLUENE 108-88-2 5.89855 %,  
BENZENE 71-43-2 .00120% , GLYCOL ETHER 3.86883%, % LEAD IN NON  
VOLATILES .00001% NEW JERSEY RIGHT TO KNOW LAW INGREDIENTS BUTYL

ACETATE 123-86-4, TOLUENE 108-88- 3, 1-METHOXY 2-PROPANOL ACETATE  
108-65-6, CYCLOHEXANONE 108-94-1, METHYL ETHYL KETONE 78-93-3,  
METHYL ISOBUTYL KETONE 108-10-1, ESTER (URETHANE GRADE) 111-15-9.  
COMPOSITION IS PARTIALLY UNKNOWN.

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