

DEXTER CORP THE DEXTER ELECTRONIC MATERIAL DIV. -- PC18M HYSOL -- 5970-00-090-9184
===== Product Identification =====

Product ID:PC18M HYSOL

MSDS Date:04/17/1997

FSC:5970

NIIN:00-090-9184

MSDS Number: CHLZW

=== Responsible Party ===

Company Name:DEXTER CORP THE DEXTER ELECTRONIC MATERIAL DIV.

Address:211 FRANKLIN ST.

City:OLEAN

State:NY

ZIP:14760-1297

Country:US

Info Phone Num:716-372-6300

Emerge

ncy Phone Num:716-372-6309

CAGE:04347

=== Contractor Identification ===

Company Name:DEXTER CORP THE DEXTER ELECTRONIC MATERIAL DIV

Address:211 FRANKLIN ST.

Box:City:OLEAN

State:NY

ZIP:14760-1297

Country:US

Phone:716-372-6300/6309

CAGE:04347

Company Name:MCKEOWN ROBERT CO. INC.

Address:111 CHAMBERS BROOK RD.

Box:City:SOMERVILLE

State:NJ

ZIP:08876

Country:US

Phone:908-218-9000

CAGE:7B953

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

Ingred Name:PROPYLENE GLYCOL MONOMETHYL

ETHER ACETATE

CAS:108-65-6

RTECS #:AI8295000

Fraction by Wt: 10-30%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:NOT ESTABLISHED.

ACGIH TLV:NOT ESTABLISHED.

Ingred Name:XYLENES (O-,M-,P- ISOMERS) (SARA 313) (CERCLA)

CAS:1330-20-7

RTECS #:ZE2100000

Fraction by Wt: 10-30%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:100 PPM

ACGIH TLV:100 PPM/150STEL;9596

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:ETHYL BENZENE (SARA 313)

CAS:100-41-4

RTECS #:DA0700000

Fraction by Wt: 1-5%

Other REC Limit

s:NONE RECOMMENDED

OSHA PEL:100 PPM

ACGIH TLV:100 PPM/125STEL;9596

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:TOLUENE (SARA 313) (CERCLA)

CAS:108-88-3

RTECS #:XS5250000

Fraction by Wt: 0.200%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:200 PPM; Z-2

ACGIH TLV:S, 50 PPM; 9596

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:TOLUENEDIISOCYANATE (MIXED ISOMERS) (SARA 313) (CERCLA)

CAS:26471-62-5

RTECS #:NQ9490000

Fraction by Wt: 1.000%

Other REC Limits:NONE RECOMMENDED

ACGIH TLV:0.0

05PPM/0.02STEL;96
EPA Rpt Qty:100 LBS
DOT Rpt Qty:100 LBS

Ingred Name:URETHANE PREPOLYMER
Fraction by Wt: 30-60%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:0.005 PPM TDI
ACGIH TLV:0.005 PPM TDI

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO
Health Hazards Acute and Chronic:ACUTE: CONTACT WITH EYES MAY CAUSE

IRRITATION. PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE
IRRITATION. INGESTION MAY BE HARMFUL, MODERATLY TOXIC. INHALATION
MAY BE HARMFUL; MAY CAUSE ALLERGIC REACTIO N. CHRONIC: NONE
SPECIFIED BY MANUFACTURER.

Explanation of Carcinogenicity:BENZENE, 2,4-DIISOCYANATE-1-METHANE &
BENZENE, 1,3-DIISOCYANATE-2-METHANE ARE LISTED AS ANTICIPATED (IARC
2B) CARCINOGEN

Effects of Overexposure:INHALED-ALLERGIC REACTION SIMILAR TO ASTHMA.
INGESTION-VOMITING. EYES-IRRITATION. SKIN-IR
RITATION.

Medical Cond Aggravated by Exposure:PRE-EXISTING SKIN & EYE DISORDERS.
PRE- EXISTING SKIN AND LUNG DISORDERS MAY INCREASE CHANCE OF
ALLERGIC REACTION.

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

First Aid:IN ALL CASES GET MEDICAL ATTENTION. EYES- IMMEDIATELY FLUSH
WITH WATER FOR 15 MINUTES. SKIN-REMOVE CONTAMINATED CLOTHES. WASH
OFF WITH FLOWING WATER. INHALED-REMOVE TO FRESH AIR. ADMINISTER
OXYGEN OR ARTIFICIAL RESPIRATION AS NEEDED. ING
ESTED-DO NOT INDUCE
VOMITING! NOTE TO PHYSICIAN: TREATMENT SHOULD BE DIRECTD AT THE
CONTROL OF SYMPTOMS AND THE CLINICAL CONDITIONS.

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

Flash Point Method:CC
Flash Point:89.0F,31.7C
Lower Limits:NOT GIVEN
Upper Limits:NOT GIVEN
Extinguishing Media:WATER FOG, CARBON DIOXIDE, DRY CHEMICAL, FOAM.
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND
FULL FIRE FIGHTER'S PROTECTIVE GEAR.
Unusual Fire/Explos

ion Hazard:NO UNUSUAL FIRE OR EXPLOSION HAZARDS.

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

Spill Release Procedures:ELIMINATE ALL SOURCES OF IGNITION. CONTAIN SPILL, ABSORB W/SAND/DIRT. PREVENT RUN-OFF TO STORM SEWERS, DITCHES, WATERWAYS. SHOVEL/SCRAPE (NONMETALLIC) ABSORBED WASTE MATERIAL INTO DISPOSAL CONTAINER. SEAL LID W/TAPE OR LOCKING RING & LABEL PROPERLY.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN A COOL, DRY PLACE BELOW 25C (77F) AND AWAY FROM SOURCES OF IGNITION. KEEP CONTAINERS CLOSED AND TIGHTLY SEALED.

Other Precautions:PLASTIC CONTAINERS MAY BE SLIPPERY WHEN HANDLED. DO NOT EXPOSE TO DIRECT SUNLIGHT. ONCE CONTAINER IS OPENED, USE NITROGEN BLANKET ON MATERIAL AND RESEAL.

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

Respiratory Protection:NONE NORMALLY REQUIRED. IF ENGINEERING CONTROLS

FAIL OR NON-ROUTINE USE OR AN EMERGENCY OCCURS; WEAR AN MSHA/NIOSH APPROVED RESPIRATOR WITH ORGANIC VAPOR CARTRIDGE OR AN AIR-SUPPLIED RESPIRATOR OR SCB A, AS REQUIRED. USE IAW 29 CFR 1910.134.

Ventilation:USE LOCAL EXHAUST NEAR THE SOURCE TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves:PVC, RUBBER, LATEX, NITRILE, BUTYL.

Eye Protection:SAFETY GLASSES W/SIDE SHIELDS; GOGGLES.

Other Protective Equipment:EYE WASH STATION & SAFETY SHOWER WITHIN REASONABLE DISTANCE FROM THE WORK AREA.

Work Hygienic Practices:WASH HANDS AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDRY CONTAMINATED CLOTHES BEFORE REUSE.

Supplemental Safety and Health
THIS IS A FORMULATION CHANGE.

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

HCC:F3

Boiling Pt:B.P. Text:NOT GIVEN

Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN

Decomp Temp:Decomp Text:NOT GIVEN

Vapor Pres:9.5

Vapor Density:3.7

Spec Gravity:1.0

VOC Pounds/Gallon:550

VOC Grams/Liter:4.6

Vis

cosity:MEDIUM

Evaporation Rate & Reference:0.5 (REFERENCE NOT GIVEN)

Solubility in Water:SOLUBLE

Appearance and Odor:LIQUID, MEDIUM VISCOSITY, AMBER COLOR, AROMATIC ODOR.

Percent Volatiles by Volume:53

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

Stability Indicator/Materials to Avoid:YES

NONE IDENTIFIED.

Stability Condition to Avoid:HIGH TEMPERATURES, OPEN FLAME.

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE, POSSIBLE ORGANICS, OXIDES OF N

ITROGEN.

Conditions to Avoid Polymerization:EXOTHERMIC.

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

Waste Disposal Methods:REUSE OR REINTRODUCE INTO PROCESS; RECLAIM/ REGENERATE/RECYCLE; BURN FOR ENERGY RECOVERY OR INCINERATE. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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