

HYSOL DIVISION,THE DEXTER CORP. -- PC18M -- 5970-00-935-4941

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Product Identification
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Product ID:PC18M
MSDS Date:12/08/1986
FSC:5970
NIIN:00-935-4941
MSDS Number: BJLKM
=== Responsible Party ===

Company Name:HYSOL DIVISION,THE DEXTER CORP.
Address:211 FRANKLIN ST.
City:OLEAN
State:NY
ZIP:14760-1297
Country:US

Info Phone Num:716-372-6300
Emergency Phone Num:716-372-6309
Preparer's Name:J
AMES P HORNBURG
CAGE:DO953
=== 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:HYSOL DIVISION,THE DEXTER CORP.
CAGE:DO953
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

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Composition/Information on Ingredients
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Ingred Name:POLYURETHANE PREPOLYMER RESIN SOLUTION
Fraction by Wt: 60-100%
Other REC Limits:NONE SPECIFIED

Ingred Name:XYLENES (O-,M-,P- ISOMERS) (SARA III)
CAS:1330-20-7
RTECS #:ZE2100000
Other REC Limits:NONE SPECIFIED
OSHA PEL:100 PPM/150 STEL
ACGIH TLV:100 PPM/150STEL;9192
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:ETHYL BENZENE (SARA III)
CAS:100-41-4
RTECS #:DA0700000
Other REC Limits:NONE SPECIFIED
OSHA PEL:100 PPM/125 STEL
ACGIH TLV:100 PPM/125STEL 9192
EPA Rpt Qty:10
00 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:TOLUENE-2,4-DIISOCYANATE (TDI) (SARA III)
CAS:584-84-9
RTECS #:CZ6300000
Other REC Limits:NONE SPECIFIED
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:METHOXY PROPANOL ACETATE
Other REC Limits:NONE SPECIFIED

==== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:N

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Health Hazards Acute and Chronic:ACUTE-EYE/SKIN:DEFATTING ACTION.INHALATION:IRRITATION,CENTRAL NERVOUS SYSTEM EFFECTS.INGESTION:HARMFUL.CHRONIC-LUNG SENSITIZATION/ALLERGIC REACTION,PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE,DERMATITIS ,SKIN SENSITIZATION,CORNEAL INJURY,INJURY TO LIVER AND KIDNEY,HEART ABNORMALITIES,BLOOD DISORDERS,TESTICULAR EFFECTS.

Explanation of Carcinogenicity:TOLUENE DIISOCYANATE-BY NTP:ANTICIPATED CARCINOGEN.BY IARC:2B.

Effects of Overexposure:EYE/ SKIN:IRRITATION.INHALATION:RESPIRATORY TRACT IRRITATION, DIZZINESS, HEADACHES, NAUSEA,WEAKNESS,FATIGUE,NARCOSIS,ASPHYXIATION,COUGHING,CHOKING,LABO RED BREATHING,DELAYED ASTHMA-LIKEBREATHING.INGESTI ON:IRRITATION,SIMILAR TO INHALATION SYMPTOMS.

Medical Cond Aggravated by Exposure:PREGNANT WOMEN AND PERSONS WITH EXISTING EYE, SKIN, AND RESPIRATORY DISORDERS MAY BE AT INCREASED RISK WHEN HANDLING OR USING THIS PRODUCT.

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===== First Aid Measures =====
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First Aid:SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH TINCTURE OF GREEN SOAP OR SOAP AND WATER. GET MEDICAL ATTENTION IF IRRITATION DEVELOPS. INHALATION: REMOVE TO FRESH AIR & RESTORE BREATHING IF NECESSARY. GET MEDICAL ATTENTION. EYE: IMMEDIATELYFLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. INGESTION: GET IMMEDIATE MEDICAL ATTENTION.

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===== Fire Fighting Measures =====
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Flash Point Method

:TCC

Flash Point:81F, (XYL)

Lower Limits:1.0

Upper Limits:7.0

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.WATER STREAM MAY BE INEFFECTIVE.

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:FIRE OR EXCESSIVE HEAT MAY CAUSE PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS.

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Accidental Release Measures =====

Spill Release Procedures:REMOVE ALL SOURCES OF IGNITION AND WEAR PROPER PROTECTION EQUIPMENT.VENTILATE THE AREA.ABSORB IN INERT MATERIAL AND PLACE IN APPROPRIATE DISPOSAL CONTAINERS.WASH AREA WITH WATER.

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

Handling and Storage Precautions:KEEP CONTAINER CLOSED AND AWAY FROM HEAT, SPARKS, AND OPEN FLAME. FLAMMABLE LIQUID; EMPTY CONTAINERS MAY CONTAIN HAZARDOUS VAPO
RS AND RESIDUES.

Other Precautions:AVOID PROLONGED SKIN CONTACT.DO NOT BREATH SPRAY MIST.USE IN WELL VENTILATED AREA.USE AT ELEVATED TEMPERATURES OR SPRAY APPLICATIONS MAY REQUIRE ADDED PRECAUTIONS FOR PERSONAL PROTECTION.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR. AIR-SUPPLIED OR FILTERING TYPE WITH ORGANIC VAPOR CARTRIDGES ARE RECOMMENDED.

Ventilation:LOCAL AND MECHANICAL(GENERAL) ARE BOTH RECOMMENDED. AVOID

OPEN ELECTRICAL IGNITION SOURCES NEAR PRODUCT VAPOR AREAS.

Protective Gloves:RUBBER OR PLASTIC RECOMMENDED.

Eye Protection:SAFETY GLASSES OR SAFETY GOGGLES

Other Protective Equipment:EYE WASH STATION & SAFETY SHOWER. WEAR INDUSTRIAL TYPE WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices:CHANGE CONTAMINATED CLOTHING AS SOON AS POSSIBLE AND THOROUGHLY FLUSH AFFECTED AREAS WITH COOL WATER.WASH BEFORE EATING.

Supplemental Safety and Health

DO NOT TAKE INTER

NALLY. USE ONLY WITH ADEQUATE VENTILATION. AVOID

BREATHING VAPORS AND EYE OR SKIN CONTACT. REMOVE ANY GROSS AMOUNT OF VARNISH FROM THE SKIN AS SOON AS PRACTICAL, ESPECIALLY BEFORE EAT ING OR SMOKING. PRODUCTS PC18M AND PC29M(PARTS A & B) HAVE BEEN APPROVED FOR USE UNDER THIS NSN.

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

HCC:F3

Boiling Pt:=138.3C, 281.F

Vapor Pres:9.5(XYL)

Vapor Density:3.7(XYL)

Spec Gravity:1.02

Evaporation Rate & Reference:0.54

(BU AC = 1) (XYL)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:LIGHT AMBER MEDIUM VISCOSITY LIQUID, AROMATIC ESTER SOLVENT ODOR.

Percent Volatiles by Volume:50

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:HIGH TEMPERATURES, SPARKS, AND OPEN FLAMES

Hazardous Decomposition Products:CARBON MONOXIDE,CARBON DIOXIDE, POSSIBLE NITROGEN OXIDES.

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

Waste Disposal Methods:INCINERATE OR DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL LAWS AND REGULATIONS CONCERNING HEALTH AND POLLUTION.THIS IS AN IGNITIBLE WASTE UNDER THE RCRA.

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