

THE DEXTER DEXTER ELECTRONIC MATERIALS DIV -- HYSOL PC18M; PRODUCT
CODE:P00011 - INSULATING COMPOUND,ELECTRICAL
MATERIAL SAFETY DATA SHEET
NSN: 5970010212622
Manufacturer's CAGE: 04347
Part No. Indicator: A
Part Number/Trade Name: HYSOL PC18M; PRODUCT CODE:P00011

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General Information

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Item Name: INSULATING COMPOUND,ELECTRICAL
Company's Name: THE DEXTER CORP. DEXTER ELECTRONIC MATERIALS DIV.
Company's Street: 211 FRANKLIN ST.
Company's City: OLEAN
Company's State: NY
Company's Country: US
Company's Zip Code: 14760-1297
Company's Emerg Ph #: 716-372-6309
Company's Info Ph #: 716-372-6300
Distributor/Vendor # 1: ROBERT MCKEOWN CO
Distributor/Vendor # 1 Cage: 7B953
Record No. For Safety Entry: 001
Tot Safety Entries This Stk#: 007 *
Status: SEU
Date MSDS Prepared: 11OCT91
Safety Data Review Date: 26MAY92
Supply Item Manager: CX
MSDS Preparer's Name: JAMES P. HORNBERG
MSDS Serial Number: BJRQK
Specification Number: MIL-I-46058,REV C
Spec Type, Grade, Class: TYPE UR
Hazard Characteristic Code: F4
Unit Of Issue: GL
Unit Of Issue Container Qty: 1 GL
Type Of Container: UNKNOWN
Net Unit Weight: 8.5 LBS

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Ingredients/Identity Information

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Proprietary: NO
Ingredient: URETHANE PREPOLYMER
Ingredient Sequence Number: 01
Percent: 30-60%
NIOSH (RTECS) Number: 1002277UP
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED
Other Recommended Limit: **** SEE TDI *****

Proprietary: NO
Ingredient: PROPYLENE GLYCOL MONOMETHYL ETHER ACETATE; 2-PROPANOL 1-METHYOXY ACETATE
Ingredient Sequence Number: 02
Percent: 10-30%

NIOSH (RTECS) Number: AI8925000
CAS Number: 108-65-6
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED

Proprietary: NO
Ingredient: XYLENES (O-,M-,P- ISOMERS) (SARA III)
Ingredient Sequence Number: 03
Percent: 15.2
NIOSH (RTECS) Number: ZE2100000
CAS Number: 1330-20-7
OSHA PEL: 100 PPM/150 STEL
ACGIH TLV: 100 PPM/150STEL;9192
Other Recommended Limit: NONE SPECIFIED

Proprietary: NO
Ingredient: ETHYL BENZENE (SARA III)
Ingredient Sequence Number: 04
Percent: 5-10
NIOSH (RTECS) Number: DA0700000
CAS Number: 100-41-4
OSHA PEL: 100 PPM/125 STEL
ACGIH TLV: 100 PPM/125STEL 9192
Other Recommended Limit: NONE SPECIFIED
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Physical/Chemical Characteristics
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Appearance And Odor: LIGHT AMBER,MEDIUM VISCOSITY LIQUID,AROMATIC ESTER
SOLVENT ODOR.
Boiling Point: 281F,138C
Vapor Pressure (MM Hg/70 F): 9.5
Specific Gravity: 1.02
Evaporation Rate And Ref: 0.54 (BUAC)
Solubility In Water: NEGLIGIBLE
Percent Volatiles By Volume: 58
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Fire and Explosion Hazard Data
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Flash Point: 81F/27C
Flash Point Method: TCC
Lower Explosive Limit: 1.0
Upper Explosive Limit: 7.0
Extinguishing Media: DRY CHEMICAL,CARBON DIOXIDE,FOAM (WATER MAY BE
INEFFECTIVE).
Special Fire Fighting Proc: FIGHT AS FLAMMABLE LIQUID. COOL FIRE
EXPOSED
CONTAINERS WITH WATER. WEAR SELF CONTAINED BREATHING APPARATUS.
Unusual Fire And Expl Hazrds: CONTAINERS MAY BURST/EXPLODE IN HEAT OF
FIRE.
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Reactivity Data

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Stability: YES
Cond To Avoid (Stability): HEAT,IGNITION SOURCES.
Materials To Avoid: OXIDIZING MATERIALS.
Hazardous Decomp Products: CARBON DIOXIDE, CARBON MONOXIDE, POSSIBLE
NITROGEN OXIDES
Hazardous Poly Occur: NO
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Health Hazard Data
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LD50-LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.
Route Of Entry - Inhalation: YES
Route Of Entry - Skin: YES
Route Of Entry - Ingestion: YES
Health Haz Acute And Chronic: ACUTE:SHORT TERM LIQUID OR VAPOR CONTACT
MAY
PROLONGED AND/OR REPEATED CONTACT MAY CAUSE SEVERE IRRITATION TO EYES,
DEFATTING AND DRYING OF THE SKIN WHICH MAY RESULT IN DERMATITIS.
BREATHING
OF LIQUID INTO LUNGS MAY CAUSE CHEMICAL PNEUMONITIS.
Carcinogenicity - NTP: NO
Carcinogenicity - IARC: NO
Carcinogenicity - OSHA: NO
Explanation Carcinogenicity: TOLUENE-2,4-DIISOCYANATE (TDI) IS LISTED
BY
NTP & IARC. NTP AS ANTICIPATED CARCINOGEN,IARC AS ANIMAL CARCINOGEN.
Signs/Symptoms Of Overexp: EYES:LIQUID/VAPOR CONTACT CAUSES IRRITATION.
SKIN:MAY CAUSE SLIGHT IRRITATION.PROLONGED CONTACT MAY CAUSE MILD
CAUSES IRRITATION TO RESPIRATORY TRACT. ALSO CAUSES DIZZINESS,
NAUSEA,AND
FATIGUE, AND CAN LEAD TO CNS DEPRESSION AND UNCONSCIOUSNESS.
Med Cond Aggravated By Exp: PERSONS WITH A SKIN OR RESPIRATORY SYSTEM
AILMENT OR DISORDER MAY BE MORE SUSCEPTIBLE TO EFFECTS OF THIS PRODUCT.
THESE PERSONS SHOULD BE CAUTIONED WHEN HANDLING OR USING THIS PRODUCT.
Emergency/First Aid Proc: EYES: FLUSH WITH WATER 15 MIN. SKIN:WIPE
EXCESS.
WASH WITH SOAP & WATER,THEN ISOPROPANOL. IF INTENSE REACTION OCCURS OR
IRRITATION PERSISTS AFTER FLUSHING/WASHING OF EYES OR SKIN, GET MEDICAL
CARE. INHALATION: REMOVE FROM EXPOSURE. IF SEVERE OR ASTHMA
REACTION,GET
PROMPT MEDICAL CARE. INGESTION: DO NOT INDUCE VOMITING. GET IMMEDIATE
MEDICAL ATTENTION. IF VOMITING OCCURS, AVOID ASPIRATION TO LUNGS.
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Precautions for Safe Handling and Use
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Steps If Matl Released/Spill: SMALL SPILL:ABSORB ON PAPER,VERMICULITE
OR
ABSORBENT & PLACE IN A CONTAINER; LARGE SPILL (>1 QT): REMOVE IGNITION
SOURCES.EXCLUDE UNPROTECTED PERSONS FROM SPILL AREA. DIKE AREA OF
SPILL.
ABSORB WITH ABSORBENT AND SHOVEL TO A DOT CONTAINER FOR DISPOSAL
Neutralizing Agent: NONE. HMIS:SOLVENT IS ISOPROPANOL.

Waste Disposal Method: DISPOSE OF IN ACCORDANCE FEDERAL, STATE, LOCAL REGULATIONS.

Precautions-Handling/Storing: THE SELECTION OF PERSONAL PROTECTIVE EQUIPMENT SHOULD BE MADE BY THE MATERIAL USER BASED ON THE PARTICULAR CONDITIONS WHERE THE MATERIAL IS TO BE USED

Other Precautions: DO NOT TAKE INTERNALLY. DO NOT BREATHE MIST. AVOID PROLONGED OR REPEATED BREATHING OF VAPOR. AVOID CONTACT WITH EYES. USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING. FOR INDUSTRIAL USE ONLY.

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Control Measures

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Respiratory Protection: USE NIOSH RESPIRATOR FOR ORGANIC VAPORS OR SUPPLIED A MASK.

Ventilation: USE MECHANICAL VENTILATION AND LOCAL EXHAUST TO MAINTAIN EXPOSURE BELOW TLV/PEL.

Protective Gloves: RUBBER.

Eye Protection: GOGGLES OR FULL FACE SHIELD.

Other Protective Equipment: RUBBER APRON.

Work Hygienic Practices: USE VERY STRICT CHEMICAL HYGIENE PRACTICE. AVOID

CONTACT IF AT ALL POSSIBLE.

Suppl. Safety & Health Data: PRODUCT CONTAINS SOME UNREACTED TOULENE DIISOCYANATE (TDI), THE MOST HAZARDOUS INGREDIENT. MANUFACTURER DOES NOT GIVE ANY INDICATION IN THE MSDS ABOUT THE PRESENCE AND PERCENT OF TDI. BUT

MSDS DOES STATE THE PEL OF TDI. THE TDI MAY BE LESS THAN 0.1% IN URETHANE

PREPOLMER. IT IS A GUESS.

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Transportation Data

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Trans Data Review Date: 92147

DOT PSN Code: GJL

DOT Proper Shipping Name: FLAMMABLE LIQUIDS, N.O.S.

DOT Class: 3

DOT ID Number: UN1993

DOT Pack Group: III

DOT Label: FLAMMABLE LIQUID

IMO PSN Code: HIA

IMO Proper Shipping Name: FLAMMABLE LIQUID, N.O.S. o

IMO Regulations Page Number: 3345

IMO UN Number: 1993

IMO UN Class: 3.3

IMO Subsidiary Risk Label: -

IATA PSN Code: MCA

IATA UN ID Number: 1993

IATA Proper Shipping Name: FLAMMABLE LIQUID, N.O.S. *

IATA UN Class: 3

IATA Label: FLAMMABLE LIQUID

AFI PSN Code: MCA

AFI Prop. Shipping Name: FLAMMABLE LIQUIDS, N.O.S.
AFI Class: 3
AFI ID Number: UN1993
AFI Pack Group: III
AFI Basic Pac Ref: 7-7
N.O.S. Shipping Name: ETHYL BENZENE, XYLENE
Additional Trans Data: RQ (ETHYL BENZENE) = 1000 LB, RQ (XYLENE) = 1000
LB

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Disposal Data

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Label Data

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Label Required: YES
Technical Review Date: 06APR91
MFR Label Number: UNKNOWN
Label Status: F
Common Name: HYSOL PC18M; PRODUCT CODE:P00011
Chronic Hazard: YES
Signal Word: WARNING!
Acute Health Hazard-Moderate: X
Contact Hazard-Moderate: X
Fire Hazard-Moderate: X
Reactivity Hazard-Slight: X
Special Hazard Precautions: FLAMMABLE LIQUID AND VAPOR. CONTAINS
XYLENES
AND URETHANE. VAPOR HARMFUL.KEEP AWAY FROM HEAT, SPARKS, AND FLAME.KEEP
CONTAINER CLOSED.USE ONLY WITH ADEQUATE VENTILATION.CAUSES MODERATE TO
SEVERE SKIN AND EYES IRRITATION.VAPOR INHALATION MAY CAUSE
DIZZINESS,CNS
DEPRESSION,COMA,ETC...; HARMFUL IF SWALLOWED.MAY BE FATAL IF INGESTED.IN
CASE OF CONTACT,FLUSH AREA WITH PLENTY OF WATER.GET MEDICAL HELP IF
SYMPTOMS PERSIST.IF INGESTED,DO NOT INDUCE VOMITING.KEEP PERSON WARM
AND
QUIET.IMMEDIATELY CALL DOCTOR.AVOID INHALATION OF FUMES OR EXCESSIVE
SKIN
CONTACT. KEEP AWAY FROM FACE AND EYES. USE IN WELL VENTILATED
AREA.AVOID
PROLONGED/REPEATED SKIN CONTACT
Protect Eye: Y
Protect Skin: Y
Protect Respiratory: Y
Label Name: DEXTER ELECTRONIC MATERIALS (HYSOL);THE
DEXTER CORP
Label Street: 211 FRANKLIN STREET
Label City: OLEAN
Label State: NY
Label Zip Code: 14760-1297
Label Country: US
Label Emergency Number: 716-372-6309
Year Procured: 1990