

DEXTER CORP DEXTER ELECTRONI -- HYSOL PC18M

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MSDS Safety Information
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FSC: 5970

NIIN: 00-090-9184

MSDS Date: 05/29/1997

MSDS Num: CJMHY

Product ID: HYSOL PC18M

MFN: 01

Responsible Party

Cage: 04347

Name: DEXTER CORP THE DEXTER ELECTRONIC MATERIAL DIV.

Address: 211 FRANKLIN ST.

City: OLEA

N NY 14760-1297

Info Phone Number: 716-372-6300/6309

Emergency Phone Number: 716-372-6300

Resp. Party Other MSDS No.: PO0011

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Item Description Information
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Item Manager: S9G

Item Name: INSULATING VARNISH,ELECTRICAL

Specification Number: MIL-I-46058

Type/Grade/Class: UR

Unit of Issue: GL

UI Container Qty: 1

Type of Container: UNKNOWN

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Ingredients

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Name: *** PROPRIETARY ***

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Health Hazards Data
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Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: NO

Carcinogenicity Inds - NTP: YES

IARC: YES

OSHA: NO

Effects of Exposure: TARGET ORGANS: EYES, SKIN, RESPIRATORY TRACT. EYE CONTACT:
MAY CAUSE EYE IRRITATION. SKIN CONTACT: PROL

ONGED OR REPEATED SKIN CONTACT

MAY CAUSE IRRITATION. CONTACT WITH PRODUCT AT ELEVATED TEMPERATURES (>150C) CAN RESULT IN THERMAL BURNS. INHALATION: HARMFUL IF INHALED, MAY CAUSE ALLERGIC RESPIRATORY REACTION SUCH AS ASTHMA. INGESTION: MODERATELY TOXIC, MAY CAUSE VOMITING.

Explanation Of Carcinogenicity: IARC GROUP 2B COMPONENTS: BENZENE, 2,4-DIISOCYANATE-1ME, BENZENE,1,3-DIISOCYANATE-2-ME. NONE LISTED BY OSHA. NTP GROUP 2: BENZENE, 2,4-DIISOCYANATE-1ME. EU CATEGORY I COMPONENT: BENZENE, 2,4-DIISOCYANATE-1-ME, BENZENE,1,3-DIISOCYANATE-2-ME.

Signs And Symptoms Of Overexposure: MAY CAUSE EYE IRRITATION. PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE IRRITATION. CONTACT WITH PRODUCT AT ELEVATED TEMPERATURES (>150C) CAN RESULT IN THERMAL BURNS. HARMFUL IF INHALED, MAY CAUSE ALLERGIC RESPIRATORY REACTION SUCH AS ASTHMA. MODERATELY TOXIC BY INGESTION. MAY CAUSE VOMITING.

Medical Cond Aggravated By Exposure: PREEXISTING SKIN AND EYE DISORDERS MAY BE AGGRAVATED BY

EXPOSURE TO THIS PRODUCT. PRE-EXISTING SKIN OR LUNG ALLERGIES MAY INCREASE THE CHANCE OF DEVELOPING INCREASED ALLERGIC SYMPTOMS TO THIS PRODUCT.

First Aid: EYE CONTACT: IMMEDIATELY WASH/FLUSH EYES WITH WATER FOR MINIMUM 10 MINUTES. SEEK MEDICAL ATTENTION. SKIN CONTACT: WASH OFF IN FLOWING WATER OR SHOWER. REMOVE CONTAMINATED CLOTHING AND SHOES. SEEK MEDICAL ATTENTION, IF IRRITATION DEVELOPS. INHALATION: MOVE TO FRESH AIR. IF NOT BREATHING, GIVE MOUTH TO MOUTH RESUSCITATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. SEEK MEDICAL ATTENTION. INGESTION: IF SWALLOWED, DO NOT INDUCE VOMITING. SEEK PROMPT MEDICAL ATTENTION. NOTE TO PHYSICIAN: TREATMENT SHOULD BE DIRECTED AT THE CONTROL OF SYMPTOMS AND THE CLINICAL CONDITIONS. THERE ARE NO SPECIFIC ANTIDOTES.

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Handling and Disposal
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Spill Release Procedures: CLEAN-UP: CONTAIN SPILL IN NATURAL FORM OR WITH SAND

OR DIRT. ELIMINATE ALL IGNITION SOURCES. PREVENT RUNOFF TO STORM SEWERS, DITCHES AND WATERWAYS. SHOVEL OR SCRAPE (NON-METALLIC) ABSORBED WASTE MATERIAL INTO DISPOSAL CONTAINER. SEAL LID TIGHTLY WITH TAPE OR LOCKING RING & LABEL PROPERLY. CLEAN UP SPILL IMMEDIATELY. OBSERVE PRECAUTIONS INCLUDING VENTILATION AND/ OR PERSONAL PROTECTIVE EQUIPMENT.

Waste Disposal Methods: IT IS RECOMMENDED THAT ALL WASTES FROM USE OF THIS MATERIAL BE: FIRST, REUSED OR REINTRODUCED INTO THE PROCESS; SE

COND

RECLAIMED, REGENERATED OR RECYCLED; THIRD, IF REUSE OR RECYCLING NOT POSSIBLE, BURNED FOR ENERGY RECOVERY OR INCINERATED AS PREFERRED MEANS OF DISPOSAL; FOURTH, TO RENDER INERT BEFORE DISPOSAL.

Handling And Storage Precautions: STORE AT LESS THAN TWENTY FIVE DEGREE CENTIGRADE (<25C) (77F) FOR OPTIMUM SHELF LIFE. DRY ATMOSPHERIC CONDITIONS. KEEP CONTAINERS CLOSED AND TIGHTLY SEALED. PLASTIC CONTAINER MAY BE SLIPPERY WHEN HANDLING.

Other Precautions: DO NOT EXPOSE TO DIRECT SUNLIGHT. ONCE CONTAINER IS OPEN, USE NITROGEN BLANKET ON MATERIAL AND RESEAL.

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Fire and Explosion Hazard Information
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Flash Point Method: CC

Flash Point: =31.7C, 89.F

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

Fire Fighting Procedures: RECOMMENDED USE OF SELF CONTAINED BREATHING APPARATUS (SCBA).

Unusual Fire/Explosion Hazard: NO UNUSUAL FIRE OR EXPLOSION HAZARDS. HAZARDOUS

PRODUCTS/COMBUSTION: CARBON DIOXIDE, CARBON MONOXIDE, POSSIBLE ORGANICS, OXIDES OF NITROGEN.

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Control Measures
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Respiratory Protection: NO RESPIRATOR IS REQUIRED IF INGREDIENT EXPOSURE LIMITS ARE NOT EXCEEDED. AN OSHA APPROVED (29CFR1910.134 USA DEPT OF LABOR), AIR-PURIFYING RESPIRATOR WITH APPROPRIATE CARTRIDGE SHOULD BE USED IF EXPOSURE LIMITS ARE EXCEEDED.

Ventilation: USE LOCAL EXHAUST VENTILATION NEAR THE SOURCE.

Protective Gloves: PVC,RUBBER(LATEX, NITRILE, BUTYL)

Eye Protection: SAFETY GLASSES WITH SIDE SHIELD OR GOGGLES

Other Protective Equipment: A SAFETY SHOWER AND EYE WASH STATION SHOULD BE WITHIN REASONABLE DISTANCE TO THE WORK AREA.

Work Hygienic Practices: OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health: AVOID PROLONGED OR REPEATED EXPOSURE. DO NOT GET ON SKIN OR IN EYES. DO NOT BREATHE VAPORS OR MISTS.

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Physical/Chemical Properties
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HCC: F3

Vapor Pres: 9.5

Vapor Density: 3.7

Spec Gravity: 1.0

VOC Grams/Liter: 550

Evaporation Rate & Reference: 0.5 NO REFERENCE

Solubility in Water: SOLUBLE

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

Percent Volatiles by Volume: 53
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Reactivity Data
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Stability Indicator: YES

Stability Condition To Avoid: HIGH TEMPERATURES; OPEN FLAMES.

Materials To Avoid: NONE IDENTIFIED.

Hazardous Decomposition Products: CARBON DIOXIDE, CARBON MONOXIDE; POSSIBLE ORGANICS

Conditions To Avoid Polymerization: EXOTHERMIC.
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Toxicological Information
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Toxicological Information: TESTING HAS NOT BEEN PERFORMED. FOR DATA ON COMPONENTS, PLEASE PHONE 716-372-6300.
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Ecological Information
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Ecological: NO SPECIFIC STUDIES HAVE BEEN CONDUCTED. HOWEVER, UNCONTROLLED RELEASES OF CERTAIN CONSTITUENTS OF THIS MATERIAL TO SOIL, GROUNDWATER, OR SURFACE WATERS COULD ENTAIL ACUTE AND/OR CHRONIC ECOLOGICAL EFFECTS, DEPENDING

ON THE QUANTITY & CONCENTRATION OF SUCH RELEASES. RELEASES OF VOLATILE COMPONENTS TO THE ATMOSPHERE ARE NOT BELIEVED TO ENTAIL SIGNIFICANT ECOLOGICAL CONSEQUENCES PROVIDED SUCH RELEASES ARE WITHIN THE EXPOSURE LEVELS. ACCORDINGLY, ALL APPROPRIATE MEASURES SHOULD BE TAKEN TO AVOID UNCONTROLLED RELEASES TO THE ENVIRONMENT, AND ANY SPILLS SHOULD BE CONTAINED AND CLEANED UP IMMEDIATELY.
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MSDS Transport Information
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Transport Information: DOT/IATA PROPER SHIPPING NAME: RESIN SOLUTION, FLAMMABLE. DOT/IATA PACKING GROUP: III. DOT/IATA HAZARD CLASS OR DIV: 3. DOT/IATA LABEL: FLAMMABLE LIQUID. DOT/IATA PLACARD: FLAMMABLE LIQUID. DOT/IATA U N NUMBER: UN1866. PRODUCT REPORTABLE QTY (9LBS): NOT REGULATED. ADR: FLAMMABLE LIQUID. IMO (IMDG): REGULATED - REFER TP PAGE 3379. SCHEDULE B: 3208.90.0000.
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Regulatory

Information

Sara Title III Information: COMPONENT URETHANE PREPOLYMER AND COMPONENT 2-PROPANOL, 1-METHOX ARE SUBJECT TO ENVIRONMENTAL LIST SARA SECTION 311/312. COMPONENTS BENZENE, DIMETHYL-BENZENE, ETHYL-, BENZENE, METHYL- ARE SUBJECT TO ENVIRONMENTAL LIST SECTION 302 AND CERCLA LISTS. SARA SECTION 311/312 AND SARA SECTION 313. COMPONENT BENZENE, 1,3 DIISOCY IS SUBJECT TO THE FOLLOWING ENVIRONMENTAL LIST: CERCLA HAZARDOUS SUBSTANCE PROP65-C CA PROP 65 CARCINOGEN 304 SEC 302 AND CERCLA LISTS SARA SECT. 311/312 AND SARA SECT. 313

Federal Regulatory Information: RCRA STATUS THIS PRODUCT IS CLASSIFIED AS RCRA HAZARDOUS WASTE. OSHA STATUS THIS PRODUCT IS HAZARDOUS UNDER THE CRITERIA OF THE FEDERAL (USA) OSHA HAZARDOUS COMMUNICATION STANDARD 29 CFR 1910.1200. THERMAL PROCESSING AND DECOMPOSITION FUMES FROM THIS PRODUCT MAY BE HAZARDOUS.

State Regulatory Information: PROP65-T CA PROP 65 REPRODUCTIVE TO XIN: BENZENE, METHYL- PROP 65-C THIS PRODUCT CONTAINS THE FOLLOWING CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER: BENZENE, 1,3 DIISOCY.

Other Information

Transportation Information

Responsible Party Code: 04347

Trans ID NO: 148566

Product ID: HYSOL PC18

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MSDS Prepared Date: 04/17/1997

Review Date: 09/21/1999

MFN: 1

Net Unit Weight: 8.3 LBS

Limited Quantity IND: Y

Multiple KIT Number: 0

Unit Of Issue: GL

Container QTY: 1

Type Of Container: UNKNOWN

Additional Data: LIMITED QUANTITIES ARE EXEMPT FROM LABELING AND PLACARDING; UNLESS OFFERED FOR TRANSPORTATION BY AIR, PACKED IN STRONG OUTER PACKAGINGS; AND GROSS WEIGHT < 66 LBS/30 KG, 49CFR 173.150. PROPER SHIPPING NAME, UN ID NUMBER, HAZARD CLASS AND PACKING GROUP, PER MSDS.

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Detail DOT Information
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DOT PSN QS
DOT Proper Shipping Name: RESIN SOLUTION
DOT PSN Modifier: FLAMMABLE
Hazard Class: 3
UN ID Num: UN1866
DOT Packaging Group: III
Label: FLAMMABLE LIQUID
Special Provision: B1,B52,T7,T30
Packaging Exception: 150
Non Bulk Pack: 173
Bulk Pack: 242
Max Qty Pass: 60 L
Max Qty Cargo: 220 L
Vessel Stow Req: A
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Detail
IMO Information
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IMO PSN Code: NBJ
IMO Proper Shipping Name: RESIN,SOLUTION
IMO PSN Modifier: FLAMMABLE o
IMDG Page Number: 3379
UN Number: 1866
UN Hazard Class: 3.3
IMO Packaging Group: III
Subsidiary Risk Label: -
EMS Number: 3-05
MED First Aid Guide NUM: 310
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Detail IATA Information
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IATA PSN Code: VSA
IATA UN ID Num: 1866
IATA
Proper Shipping Name: RESIN SOLUTION
IATA PSN Modifier: ,FLAMMABLE
IATA UN Class: 3
IATA Label: FLAMMABLE LIQUID
UN Packing Group: III
Packing Note Passenger: 309
Max Quant Pass: 60L
Max Quant Cargo: 220L
Packaging Note Cargo: 310
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Detail AFI Information
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AFI PSN Code: VSA
AFI Proper Shipping Name: RESIN SOLUTION
AFI PSN Modifier: ,FLAMMABLE
AFI Hazard Class: 3
AFI UN ID NUM: UN1866
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I Packing Group: III
Special Provisions: P5
Back Pack Reference: A7.3

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HAZCOM Label
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Product ID: HYSOL PC18M
Cage: 04347
Company Name: DEXTER CORP THE DEXTER ELECTRONIC MATERIAL DIV
Street: 211 FRANKLIN ST.
City: OLEAN NY
Zipcode: 14760-1297
Health Emergency Phone: 716-372-6300
Label Required IND: Y
Date Of Label Review: 06/01/2001
Status Code: C
Label Date: 04/17/1997
Year Procured: 19
99

Origination

Eye Protection IND: YES
Skin Protection IND: YES
Signal Word: DANGER
Respiratory Protection IND: NO
Health Hazard: Moderate
Contact Hazard: Slight
Fire Hazard: Severe
Reactivity Hazard: None

Hazard And Precautions: TARGET ORGANS: EYES, SKIN, RESPIRATORY TRACT. EYE
CONTACT: MAY CAUSE EYE IRRITATION. SKIN CONTACT: PROLONGED OR REPEATED SKIN
CONTACT MAY CAUSE IRRITATION. CONTACT WITH PRODUCT AT ELEVATED TEMPERATURE S
(>150C) CAN RESULT IN THERMAL BURNS.

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