

DEXTER CORP DEXTER ELECTRONI -- HYSOL PC18M

MSDS Safety Information

FSC: 5970

NIIN: 00-935-4941

MSDS Date: 04/17/1997

MSDS Num: CKRPY

Product ID: HYSOL PC18M

MFN: 08

Responsible Party

Cage: 04347

Name: DEXTER CORP THE DEXTER ELECTRONIC MATERIAL DIV.

Address: 211 FRANKLIN ST.

City: OLEAN

NY 14760-1297

Info Phone Number: 716-372-6300

Emergency Phone Number: (800)424-9300

Resp. Party Other MSDS No.: P00011

Item Description Information

Item Manager: S9G

Item Name: INSULATING COMPOUND,ELECTRICAL

Specification Number: MIL-I-46058

Type/Grade/Class: NONE

Unit of Issue: GL

UI Container Qty: 0

Type of Container: CAN

Ingr

edients

Name: *** PROPRIETARY ***

Health Hazards Data

LD50 LC50 Mixture: NOT PROVIDED

Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: NO

Carcinogenicity Inds - NTP: YES

IARC: YES

OSHA: NO

Effects of Exposure: TARGET ORGANS: INGREDIENTS MAY BE TOXIC TO THE FOLLOWING
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 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 COMPONENT BENZENE, 2,4-DIISOCYANATE-1-ME; IARC - GROUP 2B COMPONENT BENZENE, 1,3

-DIISOCYANATE-1-ME; OSHA - NOT LISTED. NTP - GROUP 2 COMPONENT BENZENE, 2,4-DIISOCYANATE-1-ME.

Signs And Symptoms Of Overexposure: EYE CONTACT: MAY CAUSE EYE IRRITATION. SKIN CONTACT: PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE IRRITATION. CONTACT WITH PRODUCT AT ELEVATED TEMPERATURES (>150C) CAN RESULT IN THERMAL BURNS. INHALATION: MAY CAUSE ALLERGIC RESPIRATORY REACTION SUCH AS ASTHMA. 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 MOU

TH 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

L 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 AND LABEL PROPERLY. CLEAN UP SPILL IMMEDIATELY. OBSERVE PRECAUTIONS INCLUDING VENTILATION AND/ OR PERSONAL PROTECTIVE EQUIPMENT.

Neutralizing Agent: NOT RELEVANT

Waste Disposal Methods: LEGAL DISPOSITION OF WASTE IS THE RESPONSIBILITY OF THE OWNER

R/ GENERATOR OF THE WASTE. APPLICABLE FEDERAL, STATE, AND/ OR LOCAL REGULATIONS MUST BE FOLLOWED DURING TREATMENT, STORAGE, OR DISPOSAL OF WASTE CONTAINING THIS PRODUCT. DO NOT DISPOSE OF IN AN UNCONTROLLED MANNER.

Handling And Storage Precautions: PLASTIC CONTAINERS MAY BE SLIPPERY WHEN HANDLING. STORE AT LESS THAN TWENTY FIVE DEGREE CENTIGRADE (<25.5C) (77.5F) FOR OPTIMUM SHELF LIFE. DRY ATMOSPHERIC CONDITIONS. KEEP CONTAINERS CLOSED AND TIGHTLY SEALED.

Other Precaution

s: DO NOT EXPOSE TO DIRECT SUNLIGHT. ONCE CONTAINER ISOPEN, 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: WATER FOG, CARBON DIOXIDE, DRY CHEMICAL, FOAM.

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

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

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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 (29 CFR 1910.134 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 SHIELDS OR GOGGLES.

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

Work Hygienic Practices: NOT PROVIDED

Supplemental Safety and Health: PRODUCT: P00011. PART NUMBER FOR ROBERT MCKEOWN: IAW SPEC MIL-I-46048C. ABBREVIATION: N/A = NOT APPLICABLE. N/AV = NOT AVAILABLE. N/K = UNKNOWN. N/P = NOT PROVIDED. N/R = NOT RELEVANT. N/D = NOT DETERMINED. N/E = NOT ESTABLISHED. CNS = CENTRAL NERVOUS SYSTEM. GI = GASTROINTESTINAL. SCBA = SELF CONTAINED BREATHING APPARATUS

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Physical/Chemical Properties
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HCC: F3

NRC/State LIC No: NOT RELEVANT

B.P. Text: NOT PROVIDED

M.P/F.P Text: NOT PROVIDED

Decomp Text: NOT PROVIDED

Vapor Pres: 9.5(MM HG)

Vapor Density: 3.7(AIR=1)

Spec Gravity: 1.0

VOC Pounds/Gallon: 4.6

VOC Grams/Liter: 550

Visco

sity: NOT PROVIDED

Evaporation Rate & Reference: 0.5

Solubility in Water: SOLUBLE

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

Percent Volatiles by Volume: NOT PROVIDED

Corrosion Rate: NOT PROVIDED

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Reactivity Data

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Stability Indicator: YES

Stability Condition To Avoid: HIGH TEMPERATURE, OPEN FLAMES

Materials To Avoid: NONE IDENTIFIED.

Hazardous Decompos

ition Products: CARBON DIOXIDE, CARBON MONOXIDE, POSSIBLE
ORGANICS

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization: EXOTHERMIC

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Toxicological Information

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Toxicological Information: TESTING HAS NOT BEEN PERFORMED ON THIS PRODUCT. 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 AND CONCENTRATION OF SUCH RELEASES. RELEASES OF
VOLATILE COMPONENTS TO THE ATMOSPHERE ARE NOT BELIEVED TO ENTAIL SIGNIFICANT
ECOLOGICAL CONSEQUENCES PROVIDED SUCH RELEASES ARE WITHIN TH
E 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:

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Regulatory Information

Sara Title III Information: COMPONENT 2-PROPANOL, 1-METHOX IS SUBJECT TO ENVIRONMENTAL LIST: SARA SECTION 311/312. COMPONENTS XYLENE AND BENZENE, ETHYL-, ARE SUBJECT TO ENVIRONMENTAL LIST: CERCLA HAZARDOUS SUBSTANCES, SARA SECTION 311/312 AND SARA SECTION 313. COMPONENT T OLUENE IS SUBJECT TO THE FOLLOWING ENVIRONMENTAL LIST SECTION 302 AND CERCLA LISTS, SARA SECTION 311/312 AND SARA SECTION 313. COMPONENT BENZENE, 1,3 DIIS OCY IS SUBJECT TO THE FOLLOWING ENVIRONMENTAL LIST CERCLA HAZARDOUS SUBSTANCE 304 SEC 302 AND CERCLA LISTS SARA SECT. 311/312 AND SARA SECT. 313.

Federal Regulatory Information: RCRA STATUS: THE PRODUCT USER HAS THE RESPONSIBILITY AT DISPOSAL TIME TO DETERMINE IF THE MATERIAL SHOULD BE CLASSIFIED AS A HAZARDOUS WASTE (40 CFR 261).

20-24 USA ENVIRONMENTAL

PROTECTION AGENCY). 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: CALIFORNIA PROPOSITION 65: THIS PRODUCT CONTAINS THE FOLLOWING CHEMICAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND/ OR REPRODUCTIVE H

ARM: TOLUENE (REPRODUCTIVE TOXIN) AND BENZENE, 1,3 DIISOCY (CARCINOGEN).

Other Information

Other Information: SOFTWARE LIMITATIONS RESTRICT, IN CERTAIN SECTIONS, THE PRINTING OF THE FULL CHEMICAL NAME AS LISTED IN THE TOXIC SUBSTANCES CONTROL ACT (TSCA) CHEMICAL SUBSTANCE INVENTORY PUBLISHED BY THE USA ENVIRONMENTAL PROTECTION AGENCY (EPA) OFFICE OF TOXIC SUBSTANCES, WASHINGTON, DC. IT IS

RECOMMENDED THAT ALL WASTE RESULTING FROM USE OF THIS MATERIALS BE: 1-REUSED OR RE-INTRODUCED INTO PROCESS; 2-RECLAIMED, REGENERATED OR RECYCLED; 3-IF REUSE NOT FEASIBLE, BURNED FOR ENERGY RECOVERY OR INCINERATED AS PREFERRED MEANS OF DISPOSAL, WITH APPROPRIATE TREATMENT OF RESIDUES TO RENDER THEM INERT.

Transportation Information

Responsible Party Cage: 043

Trans ID NO: 154232

Product ID: HYSOL PC18M

MSDS Prepared Date: 04/17/1997

Review Date: 06/21/2001

MFN: 8

Net Unit Weight: 8.3 LBS

Multiple KIT Number: 0

Unit Of Issue: GL

Container QTY: 0

Type Of Container: CAN

Additional Data: LIMITED QUANTITIES ARE EXCEPT FROM LABELING, PLACARDING AND SPECIFICATION PACKAGING; UNLESS SHIPPED BY AIR (SEE 49 CFR 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: NBD

IMO Proper Shipping Name: RESIN SOLUTION,

IMO PSN Modifier: FLAMMABLE o

IMDG Page Number: 3143-1

UN Number: 1866

UN Hazard Class: 3.1

IMO Packaging Group: I/II++

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

AFI Packing Group: III

Special Provision

s: 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: (800)424-9300

Label Required IND: Y

Date Of Label Review: 06/21/2001

Status Code: C

MFG Label NO: NOT PROVIDED

Year Procured: 2001

Origination Code: F

Eye Protection

Ind: YES

Skin Protection IND: YES

Signal Word: CAUTION

Respiratory Protection IND: NO

Health Hazard: Slight

Contact Hazard: Slight

Fire Hazard: None

Reactivity Hazard: None

Hazard And Precautions: TARGET ORGANS: EYES, SKIN, RESPIRATORY TRACT. MAY CAUSE EYES, SKIN IRRITATION. IF SWALLOWED, DO NOT INDUCE VOMITING. IF INHALED, MOVE TO FRESH AIR. IN CASE OF CONTACT, FLUSH EYE/SKIN WITH WATER. KEEP AWAY FROM CHILDREN. READ MSDS FOR FURTHER INFORMATION.

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