

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: OLEA

N 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
=====

Ing
redients
=====

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

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.

=====
Handling and Disposal
=====

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 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 OWN

ER/ 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 Precautions:

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

=====
Fire and Explosion Hazard Information
=====

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.

=====
Control Measures
=====

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 DE

TERMINED. N/E = NOT ESTABLISHED. CNS = CENTRAL NERVOUS SYSTEM. GI = GASTROINTESTINAL. SCBA = SELF CONTAINED BREATHING APPAR

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

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

Visc

osity: 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

=====
Reactivity Data
=====

Stability Indicator: YES

Stability Condition To Avoid: HIGH TEMPERATURE, OPEN FLAMES

Materials To Avoid: NONE IDENTIFIED.

Hazardous Decompo

sition Products: CARBON DIOXIDE, CARBON MONOXIDE, POSSIBLE ORGANICS

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization: EXOTHERMIC

=====
Toxicological Information
=====

Toxicological Information: TESTING HAS NOT BEEN PERFORMED ON THIS PRODUCT. FOR DATA ON COMPONENTS, PLEASE PHONE 716-372-6300.

=====
Ecological Information
=====

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 T

HE 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.

=====
MSDS Transport Information
=====

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 UN NUMBER:
UN1866

=====
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 TOLUENE 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). T HIS 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 PROCES SING 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

HARM: TOLUENE (REPRODUCTIVE TOXIN) AND BENZENE, 1,3 DII SOCY (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 ENVIRO NMENTAL PROTECTION AGENCY (EPA) OFFICE OF TOXIC SUBSTANCES, WASHIN

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

=====
Transportation Information
=====

Responsible Party Cage: 04

347
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.

=====
Detail DOT Information
=====

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

=====
Detail IMO Information
=====

=====
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

=====
Detail IATA Information
=====

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

=====
Detail AFI Information
=====

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 Provisio
ns: P5
Back Pack Reference: A7.3

=====
HAZCOM Label
=====

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 Prote
ction 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.

=====

=====

Disclaimer (provided with this information by the compiling agencies): This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever expressly or implied warrants, states, or intends said information to have any application, use or viability by or to any person or persons outside the Department of Defense nor any person or persons contracting with any instrumentality of the United States of A
merica and disclaims all liability for such use. Any person utilizing this instruction who is not a military or civilian employee of the United States of America should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation regardless of similarity to a corresponding Department of Defense or other government situation.