

DEXTER CORP THE DEXTER ELECTRONIC MATERIAL DIV. -- P/N PA2001 PC16-M PART A --
5970-00-998-2800

===== Product Identification =====

Product ID:P/N PA2001 PC16-M PART A

MSDS Date:10/21/1997

FSC:5970

NIIN:00-998-2800

Status Code:A

Kit Part:Y

MSDS Number: CKKNN

=== Responsible Party ===

Company Name:DEXTER CORP THE DEXTER ELECTRONIC MATERIAL DIV.

Address:211 FRANKLIN ST.

City:OLEAN

State:NY

ZIP:14760-1297

Country:US

Info Phone Num:716-372-6300/6309

Emergency Phone

Num:716-372-6309

Preparer's Name:HSE

Chemtrec Ind/Phone:(800)424-9300

CAGE:04347

=== 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:MCKEOWN ROBERT CO. INC.

Address:111 CHAMBERS BROOK RD.

Box:City:SOMERVILLE

State:NJ

ZIP:08876

Country:US

Phone:908-218-9000

Contract Num:SP0430-00-M-GC77

CAGE:7B953

===== Composition/Informat

ion on Ingredients =====

Ingred Name:OXIRANE, (BUTOXYMETHYL)-
CAS:2426-08-6
RTECS #:TX4200000
Minumum % Wt:5.
Maxumum % Wt:10.
Other REC Limits:NONE RECOMMENDED
OSHA PEL:50 PPM
ACGIH TLV:25 PPM; 9596

Ingred Name:1,2-BENZENEDICARBOXYLIC ACID (SARA 313) (CERCLA)
CAS:84-74-2
RTECS #:TI0875000
Minumum % Wt:10.
Maxumum % Wt:30.
Other REC Limits:NONE RECOMMENDED
OSHA PEL:5 MG/M3
ACGIH TLV:5 MG/M3; 9596
EPA Rpt Qty:10 LBS
DOT Rpt Qty:10 LBS

Ingred Name:BISPHENOL A-ECH EPOXY RESIN
CAS:25068
-38-6
RTECS #:CE6880000
Minumum % Wt:60.
Maxumum % Wt:100.

===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:TARGET ORGANS: EYES, SKIN, RESPIRATORY
TRACT. ACUTE: CONTACT MAY CAUSE EYE IRRITATION. SKIN: PROLONGED OR
REPEATED SKIN CONTACT MAY CAUSE IRRITATION. CONTACT WITH PRODUCT AT
ELEVATED TEMPERATURES (>15 0C) CAN RESULT
IN THERMAL BURNS.
INHALATION: MAY CAUSE ALLERGIC RESPIRATORY REACTION SUCH AS
ASTHMA. INGESTION: MODERATLEY TOXIC; MAY CAUSE VOMITING. CHRONIC:
NONE SPECIFIED BY MANUFACTURER.
Explanation of Carcinogenicity:NO INGREDIENT OF A CONCENTRATION OF 0.1%
OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.
Effects of Overexposure:ACUTE: CONTACT MAY CAUSE EYE IRRITATION. SKIN:
PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE IRRITATION. CONTACT
WITH PRODUCT AT ELEVATED TEMP

TEMPERATURES (>150C) CAN RESULT IN THERMAL BURNS. INHALATION: MAY CAUSE ALLERGIC RESPIRATORY REACTION SUCH AS ASTHMA. INGESTION: MODERATELY TOXIC; MAY CAUSE VOMITING. CHRONIC: NONE SPECIFIED BY MANUFACTURER.

Medical Condition Aggravated by Exposure: PRE-EXISTING SKIN AND EYE DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT. PREEXISTING SKIN AND LUNG ALLERGIES MAY INCREASE CHANCE OF DEVELOPING ALLERGIC SYMPTOMS FROM EXPOSURE TO THIS PRODUCT.

===== First

Aid Measures =====

First Aid: EYE: IMMEDIATELY WASH/FLUSH EYES WITH WATER FOR MINIMUM 10 MINUTES. SEEK MEDICAL ATTENTION. SKIN: WASH OFF IN FLOWING WATER 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 PRO

MPT MEDICAL ATTENTION.

NOTE TO PHYSICIAN: TREATMENT SHOULD BE DIRECTED AT THE CONTROL OF SYMPTOMS AND THE CLINICAL CONDITIONS. THERE ARE NO SPECIFIC ANTIDOTES.

===== Fire Fighting Measures =====

Flash Point Method: CC

Flash Point: =68.3C, 155.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.

===== Accidental Release Measures =====

Spill Release Procedures: CONTAIN SPILL IN NATURAL FORM OR WITH SAND OR DIRT (INERT MATERIAL). ELIMINATE ALL IGNITION SOURCES. PREVENT RUNOFF TO STORM SEWERS, DITCHES AND WATERWAYS. SHOVEL OR SCRAPE (NON-METALLIC) ABSORBED WASTE MATERIALS INTO DISPOSAL CONTAINER. SEAL LID TIGHTLY WITH TAPE OR LOCKING RING AND LABEL PROPERLY. CLEAN UP SPILL IMMEDIATELY AND/OR PERSONAL PROTECTIVE E

QUIPMENT.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:PLASTIC CONTAINERS MAY BE SLIPPERY WHEN HANDLING. STORAGE: LESS THAN 25 CENTIGRADE (25C/77F) FOR OPTIMUM SHELF LIFE. DRY ATOMSPHERIC 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.

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

Respiratory Protection:NO RESPIRATOR IS REQUIRED IF INGREDIENT EXPOSURE LIMITS ARE NOT EXCEEDED. AN OSHA APPROVED (29CFR 1910.134 USA DEPT OF LABOR), AIR-PURIFYING RESPIRATOR WITH APPROPRIATE CARTRIDGE SHOULD BE USED IF EXP OSURE LIMITS ARE EXCEEDED.

Ventilation:USE LOCAL EXHAUST VENTILATION NEAR THE SOURCE.

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

Eye Protection:SAFETY GLASSES WITH SIDE SHIELDS, SPLASH GOGGLES, FULL

FACESHIELD

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

Work Hygienic Practices:WASH HANDS AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHES BEFORE REUSE.

Supplemental Safety and Health

NONE

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

HCC:V4

Vapor Pres:2.0

Vapor Density:3.8

Spec Gravity:1.2

Evaporation Rate & Reference: