

DEXTER CORP THE DEXTER ELECTRONIC MATERIAL DIV. -- HYSOL PC20M -- 5970-01-029-7961
===== Product Identification =====

Product ID:HYSOL PC20M

MSDS Date:05/06/1996

FSC:5970

NIIN:01-029-7961

MSDS Number: BYRTJ

=== 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

Emerge

ncy Phone Num:716-372-6309

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

CAGE:7B953

===== Composition/Information on Ingredients =====

Ingred Name:TOLUENE (SARA 313) (CERCLA)

CAS:108-88-3
RTECS #:XS5250000
Fraction by Wt: 40.132%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:200 PPM; Z-2
ACGIH TLV:S, 50 PPM; 9596
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingrid Name:METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA 313) (CERCLA)
CAS:78-93-3
RTECS #:EL6475000
Fraction by Wt: 10 - 30%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:200 PPM
ACGIH TLV:200 PPM/300STEL;9596
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO
Health Hazards Acute and Chronic:EYE-MAY CAUSE EYE IRRITATION. SKIN-MAY
CAUSE IRRITATION. INHALATION-HARMFUL IF INHALED, MAY CAUSE ALLERGIC
SKIN RESPIRATORY REACTION SUCH AS ASTHMA. INGESTION-MODERATELY
TOXIC.

Explanation of Carcinogenicity:IARC AND NTP-LISTED AS GROUP 2B
COMPONENT BENZENE, 2,4-DIISOCYANATE-1-ME.

Effects of Overexposure:SKIN-CONTACT WITH PRODUCT AT E
LEVATED
TEMPERATURES CAN RESULT IN THERMAL BURNS. 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.

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===== First Aid Measures =====

First Aid:EYE-IMMEDIATELY WASH/FLUSH EYE WITH WATER FOR MINIMUM 10 MIN.
SEEK MEDICAL AID

. SKIN-WASH OFF IN FLOWING WATER OR SHOWER. SEEK MEDICAL AID, IF IRRITATION DEVELOPS. INHALATION-MOVE TO FRESH AIR. IF NOT BREATHING, GIVE MOUTH TO MOUTH RESUSCITATION. IF BREATHING IS HARD, GIVE OXYGEN. SEEK MEDICAL AID. INGESTION-IF SWALLOWED, DO NOT INDUCE VOMITING. SEEK PROMPT MEDICAL AID.

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

Flash Point Method:CC

Flash Point:52.0F,11.1C

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

Fire

Fighting Procedures:RECOMMEND USE OF SELF-CONTAINED BREATHING APPARATUS.

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

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

Spill Release Procedures:CONTAIN SPILL IN NATURAL FORM OR WITH SAND OR DIRT. ELIMINATE ALL IGNITION SOURCES. PREVENT RUNOFF TO WATERWAYS. SHOVEL OR SCRAPE ABSORBED WASTE MATERIAL INTO DISPOSAL CONTAINER. SEAL LID TIGHTLY WITH TAPE & LABEL PROPERLY.

Neutralizing Agent:NON

E SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:LESS THA 25C FOR OPTIMUM SHELF LIFE. DRY ATMOSPHERIC CONDITIONS. KEEP CONTAINERS CLOSED AND TIGHTLY SEALED.

Other Precautions:PLASTIC CONTAINER MAY BE SLIPPERY WHEN HANDLING. DO NOT EXPOSE TO DIRECT SUNLIGHT. ONCE CONTAINER IS OPENED, USE NITROGEN BLANKET ON MATERIAL AND RESEAL.

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

Re

spiratory Protection:NO RESPIRATOR IS REQUIRED IF INGREDIENTS EXPOSURE LIMITS ARE NOT EXCEEDED. AN OSHA APPROVED 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, GOGGLES, FULL FACESHIELD

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

THE WORK AREA.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

ANTIDOTES: THERE ARE NO SPECIFIC ANTIDOTES.

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

HCC:F2

Vapor Pres:0.2 MMHG

Vapor Density:3.6

Spec Gravity:1.1

VOC Grams/Liter:4.22

Solubility in Water:SOLUBLE

Appearance and Odor:LIQUID, LOW VISCOSITY, AMBER COLOR, AROMATIC ODOR.

Percent Volatiles by Volume:40

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:HIGH TEMPERATURES, OPEN FLAMES.

Hazardous Decomposition Products:CARBON DIOXIDE, CARBON MONOXIDE,
POSSIBLE ORGANICS, OXIDES OF NITROGEN.

Conditions to Avoid Polymerization:EXOTHERMIC.

===== Disposal Considerations =====

Waste Disposal Methods:IT IS RECOMMENDED THAT ALL WASTE RESULTING FROM
USE OF THIS MATERIAL BE: 1)REUSED OR REINTRODUCED INTO PROCESS,
2
)RECLAIMED, REGENERATED OR RECYCLED, 3)BURNED FOR ENERGY RECOVERY
OR INCINERATED AS PRE FERRED MEANS OF DISPOSAL.

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