

THE DEXTER CORP. DEXTER ELECTRONIC MATERIALS DIV. -- HYSOL PC18 STD --
5970-01-102-8158

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

Product ID:HYSOL PC18 STD

MSDS Date:10/11/1991

FSC:5970

NIIN:01-102-8158

MSDS Number: BPVGV

=== Responsible Party ===

Company Name:THE DEXTER CORP. DEXTER ELECTRONIC MATERIALS DIV.

Address:211 FRANKLIN ST.

City:OLEAN

State:NY

ZIP:14760-1297

Country:US

Info Phone Num:716-372-6

300

Emergency Phone Num:716-372-6309

Preparer's Name:JAMES P. HORNBURG

CAGE:DO846

=== 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

Company Name:THE DEXTER CORP. WATER MANAGEMENT SYSTEMS DIVISION

Bo

x:200
City:CHAGRIN FALLS
State:OH
ZIP:44022
Country:US
Phone:216-247-5000
CAGE:DO846

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

Ingred Name:URETHANE PREPOLYMER
Fraction by Wt: 30-60%
Other REC Limits:0.01 PPM TLV/PEL

Ingred Name:ETHYL BENZENE (SARA III)
CAS:100-41-4
RTECS #:DA0700000
Fraction by Wt: 5-10%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:100 PPM/125 STEL
ACGIH TLV:100 PPM/125STEL 9293
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:XYLENES (O-,M-,P-
ISOMERS) (SARA III)
CAS:1330-20-7
RTECS #:ZE2100000
Fraction by Wt: 15-20%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:100 PPM/150 STEL
ACGIH TLV:100 PPM/150STEL;9293
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:2-PROPANOL 1-METHOXY ACETATE. (PROPYLENE GLYCOL MONOMETHYL
ETHER ACETATE)
CAS:108-65-6
RTECS #:AI8295000
Fraction by Wt: 10-30%
Other REC Limits:NONE RECOMMENDED

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

Routes of Entry: Inhalation:YES Skin:YE

S Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:EYES: MAY CAUSE IRRITATION. SKIN: MAY CAUSE IRRITATION, RASH, DEFATTING, DRYING, DERMATITIS. INHALATION: IRRITATING TO MUCOUS MEMBRANES OF NOSE, THROAT, AND LUNGS. ALSO MAY CAUSE RESPIRATORY SENSITIZATION AND ASTHMA, DROWSINESS, WEAKNESS, DIZZINESS, UNCONSCIOUSNESS. INGESTION: VOMITING. MAY BE TOXIC IN LARGE AMOUNTS.

Effects of Overexposure:EYES: IRRITATION, MODERATE BURNING, TEARING,

REDNESS, SWELLING. SKIN: IRRITATION, BURNING, ITCHING, REDNESS, SENSITIZATION, RASH, DEFATTING, DRYING, DERMATITIS. INHALATION: IRRITATION OF NOSE, THROAT, RESPIRATORY TRACT, ASTHMA, DROWSINESS, WEAKNESS, DIZZINESS, AND UNCONSCIOUSNESS. INGESTION: VOMITING.

Medical Cond Aggravated by Exposure:PERS WITH PRE-EXISTING DISEASE INVOLVING THE EYES, SKIN, OR RESPIRATORY TRACT MAY BE AT INCREASED RISK FROM EXPOSURE.

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

First Aid:EYES: FLUSH WITH LARGE AMOUNTS OF WATER. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH AREA WITH SOAP AND WATER. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. INHALATION: MOVE TO FRESH AIR. IF NOT BREATHING, GIVE CPR. IF BREATHING DIFFICULT, GIVE OXYGEN. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION:

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

Flash Point Method:SCC

Flash Point:88.0F,31.1C

Lower Limits:1.0

Upper Limits:7.0

Extinguishing Media:USE DRY CHEMICAL, CARBON DIOXIDE, FOAM. WATER MAY BE INEFFECTIVE.

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS. FIGHT AS FLAMMABLE LIQUID FIRE. WATER MAY BE USED TO COOL CONTAINERS TO REDUCE PRESSURE.

Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

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

Spill Release Procedures:CLE

ANUP AND DISPOSAL SHOULD BE IN ACCORDANCE
WITH FEDERAL, STATE, AND LOCAL ENVIRONMENTAL CONTROL REGULATIONS.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE TIGHTLY CLOSED AWAY FROM HEAT,
OPEN FLAME AND/OR SPARKS.
Other Precautions:AVOID PROLONGED SKIN CONTACT. DO NOT BREATHE SPRAY
MISTS.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED FRESH AIR MASK OR
RESPIRATOR FOR ORGANIC VAPORS.
Ventilation:GENERAL VENTILATION SUPPLEMENTED WITH LOCAL EXHAUST, AS
NEEDED TO MAINTAIN EXPOSURES BELOW PEL/TLV.
Protective Gloves:RUBBER.
Eye Protection:GOGGLES OR SIDE SHIELD SAFETY GLASSES.
Other Protective Equipment:RUBBER APRON IF NEEDED. PROVIDE EYE WASH
STATION AND SAFETY SHOWER.
Work Hygienic Practices:WASH AFTER HANDLING AND BEFORE EATING,
DRINKING, OR SMOKING. LAUNDRER CONTAMINATED CLOTHING BEFORE REUSE.
Supplemental Safety and Health
DO NOT WEAR CONTACT LENSES WHEN WORKING WITH THIS PRODUCT.

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

HCC:F3
Boiling Pt.=135.C, 275.F
Vapor Pres:9.5
Vapor Density:3.7
Spec Gravity:1.02
Evaporation Rate & Reference:0.54(N-BUTYL ACETATE + 1)
Solubility in Water:NEGLIGIBLE
Appearance and Odor:LIGHT AMBER MEDIUM VISCOSITY LIQUID. AROMATIC ESTER
SOLVENT ODOR.
Percent Volatiles by Volume:58

=====
Stability and
=====

Reactivity Data =====

Stability Indicator/Materials to Avoid: YES
NONE SPECIFIED BY MANUFACTURER.

Stability Condition to Avoid: HIGH TEMPERATURES, SPARKS, AND OPEN
FLAMES.

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

Conditions to Avoid Polymerization: WILL NOT OCCUR.

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

Waste Disposal Methods: DISPOSE OF WASTE IN ACCORDANCE WITH LOCAL, STATE
AND FEDERAL REGULATIONS.

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 this information to be accurate and
disclaims all liability for its use. Any person utilizing this
document should seek competent professional advice to verify and
assume responsibility for the suitability of this information to their
particular
situation.