

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

Product ID:PC16-M PART A

MSDS Date:08/14/1991

FSC:5970

NIIN:00-998-2800

Kit Part:Y

MSDS Number: BHXCS

=== Responsible Party ===

Company Name:DEXTER ELECTRONIC MTLs DIV.,THE DEXTER CORP.

Address:211 FRANKLIN ST.

City:OLEAN

State:NY

ZIP:14760-1297

Country:US

Info Phone Num:716-372-6300

Emergency Phone Num:716-372-6309

Preparer's Name:JAMES P HORNB

URG

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:EPOXY RESIN

CAS:25068-38-6

RTECS #:KC2100000

Fract

ion by Wt: 69.138%

Ingred Name:N-BUTYL GLYCIDYL ETHER (BGE)

CAS:2426-08-6

RTECS #:TX4200000

Fraction by Wt: 6.612%

OSHA PEL:50 PPM

ACGIH TLV:25 PPM; 9293

Ingred Name:EPICHLOROHYDRIN (SARA III)

CAS:106-89-8

RTECS #:TX4900000

Fraction by Wt: TRACES

OSHA PEL:S, 5 PPM

ACGIH TLV:S, 2 PPM; 9293

EPA Rpt Qty:100 LBS

DOT Rpt Qty:100 LBS

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:YES IA

RC:YES OSHA:NO

Health Hazards Acute and Chronic:MAY CAUSE SKIN AND EYE IRRITATION AND
POSSIBLE ALLERGIC REACTIONS. MAY SENSITIZE ALLERGIC REACTIONS.

Explanation of Carcinogenicity:CONTAINS TRACES OF EPICHLOROHYDRIN,
LISTED BY IARC AND NTP, AS A POSSIBLE CARCINOGEN.

Effects of Overexposure:EYES: REDNESS, TEAINING, DISCOMFORT. SKIN: RASH,
ITCHING.

Medical Cond Aggravated by Exposure:PEOPLR WITH ANY RESPIRATORY OR SKIN
CONDITION MAY BE AT INCREASED RISK, ESPECIALLY IF THIS IS A

SENSITIZED REACTION TO EPICHLOROHYDRIN.

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

First Aid:SKIN: WASH WITH SOAP AND WATER. EYES: FLUSH WITH WATER FOR 15
MINUTES. SEE DOCTOR. INGESTED: GET IMMEDIATE MEDICAL ATTENTION.

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

Flash Point Method:TCC

Flash Point:155F,68C

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

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH

APPROVED SCBA &

FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:FIRE OR EXCESSIVE HEAT MAY CAUSE PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS.

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

Spill Release Procedures:ABSORB WITH INERT MATERIALS AND/OR SCOP UP AND PLACE IN A CONTAINER FOR LATER DISPOSAL.

Neutralizing Agent:NONE.

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

Handling and Storage Precautions:STORE IN COOL AREA PER LABEL. KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAMES. KEEP CONTAINER CLOSED WHEN NOT IN USE.

Other Precautions:FOLLOW RECOMMENDED CURING SCHEDULE.

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

Respiratory Protection:RESPIRATOR WILL NOT NORMALLY BE NECESSARY. USE NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR OR RESPIRATOR FOR ORGANIC DUST/MIST IF EXPOSURE IS ABOVE THE TLV/PEL. SEE 29 CFR

1910.134 FOR REGULATIONS PERTAINING TO RESPIRATOR USE.

Ventilation:USE OF LOCAL EXHAUST RECOMMENDED BY MANUFACTURER.

Protective Gloves:IMPERVIOUS; RUBBER OR PLASTIC

Eye Protection:SAFETY GLASSES OR SPLASH GOGGLES

Other Protective Equipment:WORK CLOTHING AND APRON TO AVOID CLOTHING AND SKIN CONTAMINATION.

Work Hygienic Practices:USE GOOD CHEMICAL HYGIENE PRACTICE. AVOID ANY UNNECESSARY CONTACT.

Supplemental Safety and Health

PRODUCT CODE PA2001. MSDS IS REVISION NUMBER 07. THIS IS PART A OF A

PRODUCT.

SEE P/N IND D, THIS NSN FOR PART B. (P/N IND A & B ARE FOR ANOTHER DEXTER/HYSOL PRODUCT WHICH ALSO MEETS THE QPL.)

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

HCC:V4

Spec Gravity:1.08

Evaporation Rate & Reference:>1 (BUTYL ACETATE = 1)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:AMBER MEDIUM VISCOSITY LIQUID, VERY LITTLE ODOR

Percent Volatiles by Volume:8

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

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Stability Indicator/Materials to Avoid: YES
ALKALIS, ACIDS, AMINES, AND WATER
Stability Condition to Avoid: NONE GIVEN BY MANUFACTURER.
Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE,
NITROGEN OXIDES, ALDEHYDES, ACIDS, OTHER MISCELLANEOUS ORGANIC
COMPOUNDS
Conditions to Avoid Polymerization: EXOTHERMIC CURE MAY OCCUR WHEN LARGE
QUANTITIES ARE MIXED.

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

Waste Disposal Methods: DISPOSE I
N ACCORDANCE WITH FEDERAL, STATE, AND
LOCAL REGULATIONS. HMIS SUGGESTS INCINERATION. DO NOT INCINERATE
CLOSED CONTAINERS.

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