

DEXTER HYSOL AEROSPACE INC DIV OF EXTER CORP -- EA 946/L-3.2 SYSTEM, PART B, PRODUCT
CODE AS184000 -- 8040-00-004-2337

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

Product ID:EA 946/L-3.2 SYSTEM, PART B, PRODUCT CODE AS184000

MSDS Date:02/01/1995

FSC:8040

NIIN:00-004-2337

Kit Part:Y

MSDS Number: BGVPX

=== Responsible Party ===

Company Name:DEXTER HYSOL AEROSPACE INC DIV OF EXTER CORP

Address:2850 WILLOW PASS ROAD

Box:312

City:PITTSBURG

State:CA

ZIP:94565-3237

Country:US

Info Phone Num:510-458-8000

Emergency Phone Num:510-458-8000

CAGE:33564

=== Contractor Identification ===

Company Name:DEXTER CORPORATION ADHESIVE & COATING SYSTEMS

Address:2850 WILLOW PASS ROAD

Box:312

City:BAY POINT

State:CA

ZIP:94565-3299

Country:US

Phone:202-483-7616

CAGE:33564

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

Ingred Name:M-PHENYLENEDIAMINE

CAS:108-45-2

RTECS #:SS7700000

Fraction by Wt: 40-70%

ACGIH TLV:0.1 MG/M3; 9495

Ingred Name:2,4-DIAMINOANISOLE (S

ARA 313)
CAS:615-05-4
RTECS #:BZ8580500
Fraction by Wt: 30-60%

Ingred Name:4,4'-METHYLENE DIANILINE (SARA 313)
CAS:101-77-9
RTECS #:BY5425000
Fraction by Wt: 10-30%
ACGIH TLV:S; 0.1 PPM; A2; 9495
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

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

LD50 LC50 Mixture:PRODUCT'S LD50 (ORAL RAT) WAS NOT STATED
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO
Health Hazards Acute and C
hronic:ACUTE-MIXTURE HAS NOT BEEN TESTED AS A
WHOLE. COMPONENTS ARE POISONOUS BY INGESTION WITH SOME COMPONENTS
TOXIC BY SKIN ABSORPTION. IT IS CORROSIVE POSSIBLY CAUSING BURNS TO
SKIN & EYES. CHRONIC-BREAT HING OF VAPORS MAY CAUSE DELAYED OR
SERIOUS INJURY TO THE LLIVER & SPLEEN (TOXIC HEPATITIS).
Explanation of Carcinogenicity:SOME COMPONENTS ARE LISTED AS POSSIBLE
CARCINOGENS BY IARC, NTP & OSHA. SEE INDIVIDUAL REPORTS FOR
DETAILS.
Effects of Overexposure:POSSIBLE BUR
NS TO EYES & SKIN. IRRITATION TO
UPPER RESPIRATORY TRACT. SKIN WILL TURN YELLOW/BROWN AT SITE OF
CONTACT.
Medical Cond Aggravated by Exposure:SKIN SENSITIZATION.

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

First Aid:IF IRRITATION PERSISTS OR IS SEVERE, GET MEDICAL ATTENTION.
EYE:FLUSH W/WATER FOR 15 MIN. SKIN:WASH THOROUGHLY W/SOAP & WATER.
INHALED:REMOVE FROM EXPOSURE. AID OR RESTORE BREATHING AS NEEDED.
INGESTE D:DRINK PLENTY OF WATER. GET IMMEDIA
TE MEDICAL ATTENTION.

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

Flash Point:NOT TESTED
Lower Limits:NOT TESTED
Upper Limits:NOT TESTED
Extinguishing Media:CHEMICAL OR HALON FIRE EXTINGUISHER, OR WATER
SPRAY, FOAM OR FOG.
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS & FULL
PROTECTIVE CLOTHING SUCH AS TURN-OUT GEAR. CARTRIDGE RESPIRATORS DO
NOT PROVIDE ADEQUATE PROTECTION.
Unusual Fire/Explosion Hazard:MAY LIBERATE LARGE QUANTITIES OF DE

NSE

FOUL-SMELLING SMOKE WHICH MAY CONTAIN UNIDENTIFIED TOXIC GASES.

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

Spill Release Procedures:WEAR PROTECTIVE CLOTHING, GLOVES & SAFETY GLASSES. ABSORB SPILL W/ABSORBENT MATERIAL & SCRAPE UP OR SHOVEL INTO DOT CONTAINERS.

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

Handling and Storage Precautions:MAY BE STORED AT ROOM TEMPERATURE FOR UP TO 12 MONTHS. KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE.

Other Precautions:FOLLOW CURING SCHEDULE & MIXING RATIOS RECOMMENDED IN PRODUCT LITERATURE. EMPTY CONTAINERS RETAIN RESIDUE - OBEY HAZARD WARNINGS & HANDLE AS IF FULL. DO NOT CUT, GRIND, WELD OR DRILL ON OR NEAR THIS CONTAINER.

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

Respiratory Protection:LOCAL EXHAUST VENTILATION IS ADEQUATE UNLESS MIXING W/ALCOHOLS & HEATING, THEN SELF-CONTAINED BREATHING APPARATUS RECOMMENDED.

Ventilation:LOCAL EXHAUST VENTILATION AT POINT OF USE

Protective Gloves:SILVER SHIELD 4H GLOVES. BUTYL OR PVC

Eye Protection:SAFETY GLASSES W/SIDE SHIELDS / GOGGLES.

Other Protective Equipment:EYE WASH & SAFETY SHOWER SHOULD BE NEARBY & READY FOR USE.

Work Hygienic Practices:MFR:?. HMIS:USE STRICT CHEMICAL HYGIENE PRACTICES. AVOID ALL CONTACT IF AT ALL POSSIBLE. WASH THOROUGHLY AFTER HANDLING

Supplemental Safety and Health

KEY1:T3

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

H
CC:T3
NRC/State Lic Num:NONE
Boiling Pt:B.P. Text:UNDEFINED
Decomp Temp:Decomp Text:NOT TESTED
Vapor Pres:NOT TESTED
Vapor Density:NOT TESTED
Spec Gravity:1.15
Appearance and Odor:REDDISH BLACK LIQUID.

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

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS, STRONG LEWIS OR MINERAL ACIDS
Stability Condition to Avoid:NONE.
Hazardous Decomposition Products:CARBON MONOXIDE & NOX, ALDEHYDES, ACIDS & UNDETERMINED ORG

ANICS

Conditions to Avoid Polymerization: AVOID MIXING IN BATCHES >1 POUND OR
USE IMMEDIATELY. DO NOT HEAT MIXED ADHESIVE. MAY CAUSE HAZARDOUS
EXOTHERM.

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

Waste Disposal Methods: PRODUCT, AS WASTE, IS NOT A RCRA HAZARDOUS
WASTE. INCINERATION IN AN EPA APPROVED INCINERATOR IS A PREFERRED
DISPOSAL PRACTICE. CHEMICAL ADDITIONS ETC. MAY ALTER IT TO CHANGE
ITS CHARACTER OR LOCAL OR STATE REGULATIONS MAY DIFFER FROM

FEDERAL REGS.

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