

DEXTER AEROSPACE MATERIAL DIVISION -- HYSOL EA 934 50G E-Z PAK, AS9277009 --
8040-01-169-5304

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

Product ID:HYSOL EA 934 50G E-Z PAK, AS9277009

MSDS Date:02/01/1995

FSC:8040

NIIN:01-169-5304

Kit Part:Y

MSDS Number: CDHDF

=== Responsible Party ===

Company Name:DEXTER AEROSPACE MATERIAL DIVISION

Address:2850 WILLOW PASS ROAD

Box:312

City:PITTSBURG

State:CA

ZIP:94565-

0031

Country:US

Info Phone Num:510-458-8000

Emergency Phone Num:800-424-9300(CHEMTREC)

Preparer's Name:MSDS DEPT

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

Company Name:WATKINS AND ASSOCIATES INC

Address:5395 WEBB PKY

Box:City:LILBURN

State:GA

ZIP:30047

Country:US

Phone:770-279-9200

CAGE:3D523

===== Compositio

n/Information on Ingredients =====

Ingred Name:ALUMINUM POWDER (SARA 313)
CAS:7429-90-5
RTECS #:BD0330000
Fraction by Wt: 30-60%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:15 MG/M3
ACGIH TLV:10 MG/M3

Ingred Name:BISPHENOL A/EPICHLOROHYDRIN EPOXY RESIN (ORAL RAT LD50
11400 MG/KG)(DERMAL RABBIT LD50 >20.0 ML/KG)
Fraction by Wt: 10-30%
Other REC Limits:NONE RECOMMENDED

Ingred Name:POLYFUNCTIONAL EPOXY RESIN
Fraction by Wt: 30-60%
Other REC Limits:NONE RECOMMENDED

Ingred Name:SILICA
(ACCORDING TO MFR, THIS CAS SUPPLIED BY SUPPLIER BUT
MATERIAL TSCA LISTED AS 7631-86-9)
CAS:112945-52-5
Fraction by Wt: 1-5%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:6 MG/M3
ACGIH TLV:6 MG/M3

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

LD50 LC50 Mixture:MIXTURE HAS NOT BEEN TESTED AS A WHOLE.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

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

Health Hazards Acute and Chronic:BRIEF CONTACT MAY IRRIT SKIN O
R CAUSE

A RASH. REPEATED OR PROLONGED SKIN CONTACT MAY RESULT IN ALLERGIC
SENSITIZATION. CARCINOGENICITY NOTE: BISPHENOL A/EPICHLOROHYDRIN
EPOXY RESIN HAS EXHIBITED MUTAGENICITY IN BACTERIA.

Explanation of Carcinogenicity:NEITHER THIS MATERIAL NOR ANY OF IT'S
COMPONENTS IS CONSIDERED A CARCINOGEN.

Effects of Overexposure:SKIN RASH, IRRITATION.

Medical Cond Aggravated by Exposure:SKIN SENSITIZATION.

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

First Aid:

EYE:FLUSH W/WATER FOR 15MINS. IF IRRIT PERSISTS GET MED ATTN.
SKIN:WASH THOROUGHLY W/SOAP & WATER. IF IRRIT PERSISTS GET MED
ATTN. INHAL:REMOVE VICTIM TO FRESH AIR. IF SYMPTOMS PERSIST GET MED
ATTN. I NGEST:DRINK PLENTY OF WATER. GET MED ATTN IMMED.

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

Flash Point:NOT TESTED
Lower Limits:NOT TESTED
Upper Limits:NOT TESTED
Extinguishing Media:DRY CHEMICAL, OR HALON FIRE EXTINGUISHER, OR WATER
SPRAY, FOAM OR FOG.

F

Fire Fighting Procedures:WEAR SCBA & FULL PROTECTIVE CLOTHING, SUCH AS
TURN-OUT GEAR. CARTRIDGE RESP DO NOT PROVIDE ADEQUATE PROTECTION
FOR FIREFIGHTERS OR EXOTHERM MITIGATION.

Unusual Fire/Explosion Hazard:MAY LIBERATE LARGE QUANTITIES OF DENSE
FOUL-SMELLING SMOKE WHICH MAY CONTAIN UNIDENTIFIED TOXIC GASES.

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

Spill Release Procedures:WEAR PROTECTIVE CLOTHING, GLOVES & SAFETY
GLASSES. SCRAPE UP OR SHOVEL INTO DOT
APPROVED WASTE CONTAINERS.
Neutralizing Agent:NOT APPLICABLE.

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

Handling and Storage Precautions:REFRIGERATED STORAGE IS RECOMMENDED TO
MAINTAIN PRODUCT QUALITY. THIS PRODUCT MAY BE STORED @ 40F FOR UP
TO 12 MONTHS.

Other Precautions:FOLLOW CURING SCHEDULE AS RECOMMENDED IN PRODUCT
LITERATURE.DON'T CUT/GRIND/WELD/DRILL ON/NEAR CONTAINER.AVOID
MIXING PARTS A&B IN BATCHES >1LB UNLESS PLAN TO USE IMMED.DON'T
HEA

T MIXED ADHESIVE >75F UNLESS CURING SURFACES TO BE BONDED.

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

Respiratory Protection:UNNECESSARY WITH ADEQUATE EXHAUST VENTILATION.

Ventilation:LOCAL EXHAUST VENTILATION AT THE POINT OF USE.

Protective Gloves:BUTYL RUBBER, PVC, NITRILE RUBBER GLOVES

Eye Protection:SAFETY GLASSES W/SIDE SHIELD;CHEM GOGGLE

Other Protective Equipment:AN EYEWASH AND SAFETY SHOWER SHOULD BE
NEARBY AND READY FOR USE.

Work Hygienic Practices:WASH H

ANDS THOROUGHLY AFTER HANDLING MATERIALS.

Supplemental Safety and Health

FAILURE TO OBSERVE PRECAUTIONS IN MIXING/HEATING MAY RESULT IN EXCESSIVE HEAT BUILD-UP CAUSING AN EXOTHERM. THE EXOTHERM HAS POTENTIAL FOR RELEASE OF TOXIC GASES.

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

Boiling Pt:B.P. Text:UNDEFINED

Decomp Temp:Decomp Text:UNTESTED

Vapor Pres:NIL

Vapor Density:1 LB. UNLESS YOU PLAN TO USE IMMEDIATELY, DON'T HEAT MIXED ADHESIVE >120F.

Hazardous Dec

Composition Products:CO, NOX, ALDEHYDES, ACIDS & UNDETERMINED ORGANICS.

Conditions to Avoid Polymerization:POLYMERIZATION NOT LIKELY

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

Waste Disposal Methods:NOT RCRA HAZ WASTE.HOWEVER, INCINERATION IN EPA APPROVED WASTE INCINERATOR IS PREFERRED.CHEM ADDITIONS/ PROCESSING/OTHERWISE ALTERING MATL MAY MAKE WASTE MANAGEMENT INFOR HEREIN INCOMPLETE/INACCURATE/ INAPPROPRIATE.CONSULT STATE/LOC REGULATIONS.

Disclai

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