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DEXTER AEROSPACE MATERIAL DIVISION -- HYSOL EA 934 50G E-Z PAK, AS9277009

8040-01-169-5304

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

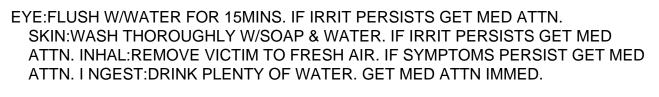
State:GA ZIP:30047 Country:US

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 MUTAG ENICITY 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:



============= 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.

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ire 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

omposition 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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