

DEXTER AEROSPACE MATERIALS DIVISION -- HYSOL EA 9394 PART A -- 8040-01-169-5304
===== Product Identification =====

Product ID:HYSOL EA 9394 PART A
MSDS Date:07/08/1997
FSC:8040
NIIN:01-169-5304
Status Code:A
MSDS Number: CLMJB
=== Responsible Party ===
Company Name:DEXTER AEROSPACE MATERIALS DIVISION
Address:PHONE #:510-458-8000,X262 OR 263
Box:312
City:PITTSBURG
Info Phone Num:800-424-9300(CHEMT
REC)
Emergency Phone Num:800-424-9300
Preparer's Name:ERNEST CARTER
Chemtre Ind/Phone:(800)424-9300
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:ALUMINUM POWDER
CAS:7429-90-5
RTECS #:BD0330000
Minumum % Wt:30.
Maxumum % Wt:60.
OSHA PEL:15

MG/M3
ACGIH TLV:10 MG/M3

Ingred Name:BISPHENOL A/EPICHLOROHYDRIN EPOXY RESIN
Minumum % Wt:10.
Maxumum % Wt:30.

Ingred Name:POLYFUNCTIONAL EPOXY RESIN
Minumum % Wt:30.
Maxumum % Wt:60.

Ingred Name:SILICA
CAS:112945-52-5
Code:F
RTECS #:VV7310000
Minumum % Wt:1.
Maxumum % Wt:5.
OSHA PEL:6 MG/M3
ACGIH TLV:6 MG/M3

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

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

Effe

cts of Overexposure:SKIN OR EYE IRRITATION, CHEST DISCOMFORT. THIS
MATERIAL IS CORROSIVE TO EYES AND SKIN. BRIEF CONTACT MAY CAUSE
CHEMICAL BURNS. VAPORS AND MISTS WILL IRRITATE NOSE AND THROAT.
LONG TERM EFFECTS: REPEA TED OR PROLONGED SKIN CONTACT MAY RESULT
IN BURNS AND POSSIBLEALLERGIC SENSITIZATION.

Medical Cond Aggravated by Exposure:SKIN SENSITIZATION

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

First Aid:EYE: FLUSH EYES WITH WATER FOR 15 MINUTES

. SKIN: WASH SKIN

THOROUGHLY WITH SOAP AND WATER. INHALATION: REMOVE VICTIM TO FRESH
AIR. INGESTION: DRINK PLENTY OF WATER. GET MEDICAL ATTENTION
IMMEDIATELY.

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

Extinguishing Media:DRY CHEMICAL, OR HALON FIRE EXTINGUISHER, OR WATER
SPRAY, FOAM OR FOG.

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND
FULL PROTECTIVE CLOTHING. SUCH AS TURN OUT GEAR. CARTRIDGE
RESPIRATORS DO NOT PROV

IDE ADEQUATE PROTECTION FOR FIRE FIGHTERS OR EXOTHERM MITIGATION.

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

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

Spill Release Procedures:WEAR PROTECTIVE CLOTHING, GLOVES AND SAFETY GLASSES. ABSORB SPILL WITH SORBENT MATERIAL. SUCH AS VERMICULITE OR SAND. SCRAPE UP OR SHOVEL INTO DOT APPROVED WASTE CONTAINERS.

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

Handling and Storage Precautions:REFRIGERATED STORAGE IS RECOMMENDED TO MAINTAIN PRODUCT QUALITY. THIS PRODUCT MAY BE STORED AT 40 DEG. F FOR UP TO 12 MONTHS. FOLLOW CURING SCHEDULE AS RECOMMENDED IN PRODUCT LITERATURE.

Other Precautions:DO NOT CUT, GRIND, WELD, OR DRILL ON OR NEAR THIS CONTAINER.

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

Respiratory Protection:IF LOCAL EXHAUST VENTILATION IS ADEQUATE, A RESPIRATOR EQUIPPED WITH ORGANIC VAPOR CARTRIDGES MAY BE APPROPRIATE.

Ventilation:LOCAL EXHAUST VENTILATION.

Protective Gloves:WEAR BUTYL RUBBER, PVC, OR NITRILE RUBBER GLOVES.

Eye Protection:WEAR SAFETY GLASSES WITH SIDE SHIELDS OR CHEMICAL GOGGLES.

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

Supplemental Safety and Health

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

Vapor Pres:MMHG: NIL

Vapor Density:AIR=1

Spec Gravity:WATER=1: 1.45

Viscosity:P: 4000-8000

Solubility in Water:NEGLIGIBLE

Appearance and Odor:PASTE VISCOUS GRAY PASTE WITH SLIGHT ODOR

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS, STRONG LEWIS OR MINERAL ACIDS.

Stability Condition to Avoid:AVOID MIXING RESIN (PART A) AND CURING

AGENT (PART B) IN BATCHES GREATER THAN 1 POUND UNLESS YOU PLAN TO USE IMMEDIATELY. DO NOT HEAT MIXED

ADHESIVE ABOVE 125 DEG. F.

FAILURE TO OBS

Hazardous Decomposition Products:CO, NOX, ALDEHYDES, ACIDS AND
UNDETERMINED ORGANICS.

Conditions to Avoid Polymerization:MAY OCCUR.

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

Waste Disposal Methods:THIS MATERIAL, AS A WASTE, IS NOT CONSIDERED A
RCRA HAZARDOUS WASTE. HOWEVER, INCINERATION IN AN EPA APPROVED
WASTE INCINERATOR IS A PREFERRED DISPOSAL PRACTICE.

Disclaimer (provided with this information by the co
mpiling 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.