

DEXTER HYSOL AEROSPACE DIV OF -- HYSOL EA 9309.3NA GAL SYSTEM PART B, P/N: AS

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MSDS Safety Information
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FSC: 8040

NIIN: 01-202-7202

MSDS Date: 01/01/1995

MSDS Num: CJJMK

Product ID: HYSOL EA 9309.3NA GAL SYSTEM PART B, P/N: AS9186018

MFN: 06

Responsible Party

Cage: 33564

Name: DEXTER HYSOL AEROSPACE INC DIV OF EXTER CORP

Address: 2850 WILLOW PASS ROAD

Box: 312

City: PITTSBURG CA 94565-3237

Info Phone Number: 510-458-8000

Emergency Phone Number: (800)424-9300

Resp. Party Other MSDS No.: 20281-0001

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Item Description Information
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Item Manager: S9I

Item Name: ADHESIVE PACKAGE

Specification Number: NONE

Type/Grade/Class: NONE

Unit of Issue: EA

UI Container Qty: 1

Type of Container: ASTM-D3951-95

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Ingredients
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Name: *** PROPRIETARY ***

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Health Hazards Data
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LD50 LC50 Mixture: MIXTURE HAS NOT BEEN TESTED AS A WHOLE

Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: NO

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: IMMEDI

ATE EFFECTS: THIS MATERIAL IS CORROSIVE TO EYES AND SKIN. BRIEF CONTACT MAY CAUSE CHEMICAL BURNS. VAPORS AND MIST WILL IRRITATE NOSE AND THROAT. LONG TERM EFFECTS: REPEATED OR PROLONGED SKIN CONTACT MAY RESULT IN BURNS AND POSSIBLE ALLERGIC SENSITIZATION.

Explanation Of Carcinogenicity: PHENOL IS CLASSIFIED BY IARC AS A GROUP 3 MATERIAL (I.E. NOT CLASSIFIABLE AS A HUMAN CARCINOGEN). THE OTHER COMPONENTS ARE NOT CONSIDERED CARCINOGENS, PER MSDS.

Signs And Symptoms Of Overexposure: SKIN AND EYE IRRITATION. CHEST DISCOMFORT.

Medical Cond Aggravated By Exposure: SKIN SENSITIZATION.

First Aid: EYES-FLUSH WITH WATER FOR 15 MINUTES. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. SKIN-WASH THOROUGHLY WITH SOA AND WATER. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. INHALED-REMOVE VICTIM TO FRESH AIR. IF SYMPTOMS PERSIST, GET MEDICAL ATTENTION. INGESTED-DRINK PLENTY OF WATER. GET MEDICAL ATTENTION IMMEDIATELY.

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Handling and Disposal
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Spill Release Procedures: WEAR PROTECTIVE CLOTHING, GLOVES AND SAFETY GLASSES. SCRAPE UP OR SHOVEL INTO DOT APPROVED WASTE CONTAINERS.

Neutralizing Agent: NOT PROVIDED

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. CHEMICAL ADDITIONS, PROCESSING OR ALTERING THIS MATERIAL MAY MAKE

THE WASTE MANAGEMENT INFORMATION HEREIN INCOMPLETE OR INACCURATE OR INAPPROPRIATE. CONSULT LOCAL AND STATE REGULATIONS.

Handling And Storage Precautions: REFRIGERATE STORAGE IS RECOMMENDED TO MAINTAIN PRODUCT QUALITY. THIS PRODUCT MAY BE STORED AT ROOM TEMPERATURE (77F) 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.

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Fire and Explosion Hazard Information
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Flash Point Text: NOT TESTED

Lower Limits: NOT TESTED

Upper Limits: NOT TESTED

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 PROVIDE 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 GASES.

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Control Measures
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Respiratory Protection: UNNECESSARY WITH ADEQUATE EXHAUST VENTILATION.

Ventilation: LOCAL EXHAUST VENTILATION AT THE POINT OF USE.

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

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

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

Work Hygienic Practices: NOT PROVIDED

Supplemental Safety and Health: THIS IS A KIT. THE OTHER MSDS SERIAL NUMBER:

CJJMS. SUPPLY DEPOT INC PART NUMBER: WSAP-X-64-192330. ABBREVIATION: N/A =
NOT APPLICABLE. N/AV = NOT AVAILABLE. N/K = UNKNOWN. N/P = NOT PROVIDED. N/R
= NOT RELEVANT. N/D = NOT DETERMINED. N/E = NOT ESTABLISHED. CNS = CENTRAL
NERVOUS SYSTEM. GI = GASTROINTESTINA

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Physical/Chemical Properties
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HCC: B2

NRC/State LIC No: NOT RELEVANT

B.P. Text: DECOMPOSES

M.P/F.P Text: NOT PROVIDED

Decomp Text: NOT TESTED

Vapor Pres: NOT TESTED

Vapor Density: 8.45

Spec Gravity: 1.02

PH: UNDEFINED

VOC Grams/Liter: 10

Viscosity: 0.3 - 0.7

Solubility in Water: NEGLIGIBLE

Appearance and Odor: TRANSPARENT BLUE GEL WITH AMMONIACAL ODOR

Percent Volatiles by Volume: NO

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Reactivity Data
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Stability Indicator: YES

Stability Condition To Avoid: DO NOT HEAT MIXED ADHESIVE ABOVE 75F UNLESS

CURING SURFACES ARE TO BE BONDED; MAY CAUSE HEAT BUILD-UP AND RELEASES TOXIC
GASES.

Materials To Avoid: STRONG OXIDIZING AGENTS, STRONG LEWIS OR MINERAL ACIDS.

Hazardous Decomposition Products: CARBON MONOXIDE (CO), NITROGEN OXIDES (NOX),
ALDEHYDES, ACIDS

AND UNDETERMINED ORGANICS.

Hazardous Polymerization Indicator: YES

Conditions To Avoid Polymerization: AVOID MIXING PART A (MIXING RESIN) AND CURING AGENT (PART B) IN BATCHES GREATER THAN 1 POUND.

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Toxicological Information
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Toxicological Information: COMPONENT(INGREDIENT) 1: ORAL RAT LD50: 4290 MG/KG; DERMAL RABBIT LD50: 2500 MG/KG; INHALATION, RAT LC50: NO DATA FOUND.

COMPONENT

(INGREDIENT) 2: NO DATA FOUND. COMPONENT (INGREDIENT) 3: ORAL, RAT LD50: 1080 MG/KG; DERMAL, RAT LD50: 1090 MG/KG; INHALATION, RAT LC50: NO DATA FOUND. COMPONENT (INGREDIENT) 4: ORAL, RAT LD50: 140 MG/KG; DERMAL, RABBIT LD50: 850 MG/KG; INHALATION, RAT LC50: NO DATA FOUND. OTHER INFORMATION: COMPONENT (INGREDIENT) 2 IS A POWERFUL IRRITANT TO SKIN, EYES AND MUCOUS MEMBRANES.

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Ecological Information
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Ecological: NOT PROVIDED
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MSDS Transport Information
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Transport Information: US DOT INFORMATION: PROPER SHIPPING NAME: AMINES, LIQUID, CORROSIVE, N.O.S. (DIETHYLENEGLYCOL DIAMINOPHENYLETHER/PIPERAZINE) UN2735 HAZARD CLASS: 8 PG: II. REPORTABLE QUANTITY: COMPONENT (INGREDIENT) 4 IS REPORTABLE AT 1000 LBS/454 KILOGRAMS. POSTAL SERVICE: US POSTAL REGULATIONS PROHIBIT THE SHIPMENT OF THIS MATERIAL THROUGH THE MAILS.

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Regulatory Information
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Sara Title III Information: COMPONENT (INGREDIENT) 4 IS LISTED ON THE SARA 313 LIST.

Federal Regulatory Information: THIS MATERIAL IS CONSIDERED A CORROSIVE FOR HAZARD COMMUNICATION PURPOSES. ALL COMPONENTS OF THIS MATERIAL ARE LISTED ON THE TSCA INVENTORY.

State Regulatory Information: 1

) MASSACHUSETTS: COMPONENTS (INGREDIENTS) 3 AND 4 ARE LISTED ON THE MASSACHUSETTS SUBSTANCE LIST. 2) NEW JERSEY: COMPONENTS (INGREDIENTS) 3 AND 4 ARE ON THE NEW JERSEY RIGHT-TO-KNOW HAZARDOUS SUBSTANCE LIST. 3) PENNSYLVANIA: COMPONENTS (INGREDIENTS) 3 AND 4 ARE LISTED ON THE PENNSYLVANIA HAZARDOUS SUBSTANCE LIST.

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Other Information
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Other Information: INTERNATIONAL REGULATION

S: CANADA WHIMIS: HAZARD CLASS = E,
D2A. EUROPE EEC: RISK PHASE (S) = R34, 41, 43. SAFEGUARD PHASE(S) =
S24/25,26, 36/37/39. HAZARD RATING SYSTEM: : HEALTH = 2; FLAMMABILITY = 1;
REACTIVITY = 1.

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Transportation Information
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Responsible Party Code: 33564
Trans ID NO: 146704
Product ID: HYSOL EA 9309.3NA GAL SYSTEM PART B, P/N: AS9186018
MSDS Prepared Date: 01/01/1995
Review Date
: 06/12/2001
MFN: 6
Net Unit Weight: UNKNOWN
Multiple KIT Number: 0
Unit Of Issue: EA
Container QTY: 1
Type Of Container: ASTM-D3951-95
Additional Data: DOT PROPER SHIPPING NAME, UN ID NUMBER, HAZARD CLASS, AND
PACKING GROUP PER MSDS.

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Detail DOT Information
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DOT PSN Code: AJH
Symbols: G
DOT Proper Shipping Name: AMINES, LIQUID, CORROSIVE, N.O.S. OR POLYAMINES,
LIQUID, CORROSIVE, N.
O.S.
Hazard Class: 8
UN ID Num: UN2735
DOT Packaging Group: II
Label: CORROSIVE
Special Provision: B2,T8
Non Bulk Pack: 202
Bulk Pack: 242
Max Qty Pass: 1 L
Max Qty Cargo: 30 L
Vessel Stow Req: A

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Detail IMO Information
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IMO PSN Code: AQA
IMO Proper Shipping Name: AMINES, LIQUID, CORROSIVE, N.O.S. o
IMDG Page Number: 8109-2
UN Number: 2735
UN Hazard Class: 8
IMO Packaging Group: I/II/II

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Subsidiary Risk Label: -
EMS Number: 8-05
MED First Aid Guide NUM: 320

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Detail IATA Information
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IATA PSN Code: BGY
IATA UN ID Num: 2735
IATA Proper Shipping Name: AMINES, LIQUID, CORROSIVE, N.O.S. *
IATA UN Class: 8
IATA Label: CORROSIVE
UN Packing Group: II
Packing Note Passenger: 808
Max Quant Pass: 1L
Max Quant Cargo: 30L
Packaging Note Cargo: 812

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Detail AFI Information
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AFI PSN Code: BGK
AFI Symbols: *
AFI Proper Shipping Name: AMINES, LIQUID, CORROSIVE, N.O.S. OR POLYAMINES,
LIQUID, CORROSIVE, N.O.S.
AFI Hazard Class: 8
AFI UN ID NUM: UN2735
AFI Packing Group: II
Special Provisions: P4
Back Pack Reference: A12.3

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HAZCOM Label
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Product ID: HYSOL EA
9309.3NA GAL SYSTEM PART B, P/N: AS9186018
Cage: 33564
Company Name: DEXTER CORPORATION ADHESIVE & COATING SYSTEMS
Street: 2850 WILLOW PASS ROAD
PO Box: 312
City: BAY POINT CA
Zipcode: 94565-3299
Health Emergency Phone: (800)424-9300
Label Required IND: Y
Date Of Label Review: 06/12/2001
Status Code: C
MFG Label NO: NOT PROVIDED
Year Procured: 1999
Origination Code: F
Chronic Hazard IND: Y
Eye Protection IND: YES
Skin Protection IND: YES
Signal Word: DANGER
Respiratory Protection IND: NO
He

Health Hazard: Slight

Contact Hazard: Severe

Fire Hazard: None

Reactivity Hazard: None

Hazard And Precautions: TARGET ORGANS: N/P. CORROSIVE TO EYES AND SKIN. AVOID CONTACT. IF SWALLOWED AND CONSCIOUS, DRINK WATER. CALL PHYSICIAN IMMEDIATELY. IN CASE OF CONTACT, FLUSH WITH WATER. IF INHALED, MOVE TO FRESH AIR. KEEP AWAY FROM CHILDREN. SEE MSDS FOR DETAILS.

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