

DEXTER AEROSPACE MATERIAL DIV -- EPK 1C HARDENER, #AB0001 - ADHESIVE, PART 2  
OF 2

MATERIAL SAFETY DATA SHEET

NSN: 8040007770631

Manufacturer's CAGE: 33564

Part No. Indicator: E

Part Number/Trade Name: EPK 1C HARDENER, #AB0001

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General Information

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Item Name: ADHESIVE, PART 2 OF 2

Company's Name: DEXTER AEROSPACE MATERIAL DIVISION

Company's Street: 2850 WILLOW PASS ROAD

Company's P. O. Box: 312

Company's City: PITTSBURG

Company's State: CA

Company's Country: US

Company's Zip Code: 94565-0031

Company's Emerg Ph #: 800-424-9300(CHEMTREC)

Company's Info Ph #: 510-458-8000

Record No. For Safety Entry: 010

Tot Safety Entries This Stk#: 013

Status: GH

Date MSDS Prepared: 13APR94

Safety Data Review Date: 20MAY97

Supply Item Manager: CX

MSDS Preparer's Name: KEN DECOSTA

Preparer's Company: SAME AS MFR

MSDS Serial Number: CDVMF

Specification Number: NK

Spec Type, Grade, Class: NK

Hazard Characteristic Code: NK

Unit Of Issue: KT

Unit Of Issue Container Qty: NK

Type Of Container: NK

Net Unit Weight: NK

NRC/State License Number: NK

Net Explosive Weight: NK

Net Propellant Weight-Ammo: NK

Coast Guard Ammunition Code: NK

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Ingredients/Identity Information

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Proprietary: NO

Ingredient: QUARTZ (CRYSTALLINE SILICA)

Ingredient Sequence Number: 01

Percent: 15.602

NIOSH (RTECS) Number: VV7330000

CAS Number: 14808-60-7

OSHA PEL: NOT ESTABLISHED

ACGIH TLV: 0.3 MG/M3

Other Recommended Limit: NONE RECOMMENDED

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Proprietary: NO

Ingredient: DIETHYLENETRIAMINE, (LD50 1000 MG/KG RABBIT, ORAL LD50 1800-2330 MG/KG RAT)

Ingredient Sequence Number: 02

Percent: 10-30

NIOSH (RTECS) Number: IE1225000

CAS Number: 111-40-0

OSHA PEL: NOT ESTABLISHED

ACGIH TLV: 1 PPM

Other Recommended Limit: NONE RECOMMENDED

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Proprietary: NO

Ingredient: EPOXY RESIN

Ingredient Sequence Number: 03

Percent: 10-30

NIOSH (RTECS) Number: KC2100000

CAS Number: 25068-38-6

OSHA PEL: NOT ESTABLISHED

ACGIH TLV: NOT ESTABLISHED

Other Recommended Limit: NONE RECOMMENDED

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Physical/Chemical Characteristics

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Appearance And Odor: TAN, HIGH VISCOSITY LIQUID WITH STRONG AMMONIA LIKE

ODOR

Boiling Point: 404F,207C

Melting Point: NK

Vapor Pressure (MM Hg/70 F): <1.0

Vapor Density (Air=1): 3.5

Specific Gravity: 1.65

Decomposition Temperature: NK

Evaporation Rate And Ref: NA

Solubility In Water: PARTIAL

Percent Volatiles By Volume: NIL

Viscosity: NK

pH: NK

Radioactivity: NK

Corrosion Rate (IPY): NK

Autoignition Temperature: NK

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## Fire and Explosion Hazard Data

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Flash Point: 215F,102C

Flash Point Method: OC

Lower Explosive Limit: NK

Upper Explosive Limit: NK

Extinguishing Media: USE WATER SPRAY, DRY CHEMICAL, ALCOHOL FOAM, OR  
CARBON DIOXIDE

Special Fire Fighting Proc: USE WATER TO KEEP FIRE-EXPOSED CONTAINERS  
COOL. WATER SPRAY MAY BE USED TO FLUSH SPILLS AWAY FROM EXPOSURE & TO  
DILUTE SPILLS TO NONFLAMMABLE MIXTURES.

Unusual Fire And Expl Hazrds: FLAMMABLE.

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## Reactivity Data

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Stability: YES

Cond To Avoid (Stability): NK

Materials To Avoid: STRONG ACIDS

Hazardous Decomp Products: HYDROGEN CYANIDE, NITROGEN OXIDES, CARBON  
MONOXIDE AND CARBON DIOXIDE.

Hazardous Poly Occur: NO

Conditions To Avoid (Poly): MIXING LARGE BATCHES OF EPOXY RESIN & DTA.

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## Health Hazard Data

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LD50-LC50 Mixture: NK

Route Of Entry - Inhalation: YES

Route Of Entry - Skin: YES

Route Of Entry - Ingestion: YES

Health Haz Acute And Chronic: INHAL: LUNG SCARRING (COUGH, SHORTNESS OF BREATH). SILICOSIS (PULMONARY FIBROSIS). RESPIRATORY SENSITIZATION/ASTHMA, UPPER RESP TRACT IRRIT. EYE: SEVERE IRRIT, CORNEAL INJURY, BLINDNESS. VAPORS MAY IRRITATE. SKIN: ALLERGIC SKIN REACTIONS IN HUMANS. HARMFUL ABSORPTION. INGEST: GI IRRIT, ULCERATION, MOUTH/THROAT BURNS.

Carcinogenicity - NTP: YES

Carcinogenicity - IARC: YES

Carcinogenicity - OSHA: NO

Explanation Carcinogenicity: CRYSTALLINE SILICA: IS LISTED AS A POSSIBLE CARCINOGEN.

Signs/Symptoms Of Overexp: NK

Med Cond Aggravated By Exp: PRE-EXISTING SKIN & EYE DISORDERS. PRE-EXISTING SKIN OR LUNG ALLERGIES MAY INCREASE.

Emergency/First Aid Proc: EYES: IRRIGATE W/WATER >30 MINS. GET MED AID IMMED. SKIN: IMMED FLUSH W/WATER >15 MINUTES, REMOVE CONTAM CLOTHING, PREFERABLY UNDER SAFETY SHOWER. GET MED AID IMMED. BURN: IF CLOTH STUCK TO SKIN DONT PULL IT OFF, CUT AROUND IT. COVER BURN WITH CLEAN MATERIAL. GET

MED AID. INGEST: DONT INDUCE VOMIT. GIVE LARGE AMOUNTS OF WATER OR MILK,  
TAKE TO DR.

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### Precautions for Safe Handling and Use

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Steps If Matl Released/Spill: CLEANUP AND DISPOSAL SHOULD BE IN ACCORDANCE  
WITH FEDERAL, STATE, AND LOCAL ENVIRONMENTAL CONTROL REGULATIONS.

Neutralizing Agent: NK

Waste Disposal Method: NA

Precautions-Handling/Storing: PROTECT FROM PHYSICAL DAMAGE. STORE IN A  
COOL, DRY, WELL VENTED AREA. AWAY FROM FIRE HAZARD.

Other Precautions: SENSITIZER. AVOID SKIN CONTACT.

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### Control Measures

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Respiratory Protection: VENTILATION SHOULD MOVE AIR OVER THE WORK AND AWAY  
FORM THE WORKER. DO NOT RECIRCULATE UNLESS SCRUBBED WITH ACID.

Ventilation: VENTILATION SHOULD MOVE AIR OVER THE WORK AND AWAY FROM THE  
WORKER.

Protective Gloves: RUBBER OR PLASTIC

Eye Protection: GOGGLES.

Other Protective Equipment: PROTECTIVE SKIN CREAM IS RECOMMENDED.

Work Hygienic Practices: NK

Suppl. Safety & Health Data: MORE INFORMATION ON FILE.

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Transportation Data

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Trans Data Review Date: 97140

DOT PSN Code: ZZZ

DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

DOT/DoD Exemption Number: NK

IMO PSN Code: ZZZ

IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION

IATA PSN Code: ZZZ

IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

AFI PSN Code: ZZZ

AFI Prop. Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

MMAC Code: NK

N.O.S. Shipping Name: NK

Additional Trans Data: NK

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Disposal Data

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Label Data

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