U.S. DEPARTMENT OF LABOR
WORKPLACE STANDARDS ADMINISTRATION
BUREAU OF LABOR STANDARDS

MATERIAL SAFETY DATA SHEET

DPM 5357-2

SECTION I: MATERIAL AND MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: D AIRCRAFT PRODUCTS CO.	EMERGENCY TELEPHONE NO.: 714-632-8444
ADDRESS (NUMBER, STREET, CITY, STATE AND ZIP CODE): 1191 HAWK CIRCLE, ANAHEIM, CALIFORNIA 92807	
CHEMICAL NAME AND SYNONYMS: EPOXY COMPOUND/POLYAMIDE/AMINE	TRADE NAME AND SYNONYMS: DAPCOTAC # 3008
CHEMICAL FAMILY: BISPHENOL "A" EPOXY POLYMER	FORMULA: LOW DENSITY EPOXY FILLER

SECTION II: HAZARDOUS INGREDIENTS*

PAINTS, PRESERVATIVES/SOLVENTS	%	TLV (UNITS)	ALLOYS AND METALLIC COATINGS	%	TLV (UNITS)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					

NOT APPLICABLE SOLVENTS NO VOLATILE

HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES*	%	TLV (UNITS)
NONE		

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SECTION III: PHYSICAL DATA

BOILING POINT (°F)		SPECIFIC GRAVITY (H_2O = 1)	.45
VAPOR PRESSURE (mm Hg.)		PERCENT VOLATILE BY VOLUME (%)	.50
VAPOR DENSITY (AIR = 1)		EVAPORATION RATE (_____ = 1)	
SOLUBILITY IN WATER	<1%		

APPEARANCE AND ODOR: YELLOW COLOR, MILD ODOR-EPOXY/POLYAMINE

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): OVER 280°F.	FLAMMABLE LIMITS	Lel	Uel

EXTINGUISHING MEDIA: WATER, Co_2

SPECIAL FIRE FIGHTING PROCEDURES: NONE

UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE

*PLEASE DO NOT USE GENERALIZATIONS, SUCH AS PETROLEUM HYDROCARBONS, ALCOHOL, KETONES. USE SPECIFIC CHEMICAL NAMES, SUCH AS METHANOL, BENZENE, PERCHLOROETHYLENE.

SECTION V: HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

EFFECTS OF OVEREXPOSURE

FRESH AIR

EMERGENCY AND FIRST AID PROCEDURES

IN CASE OF EYE SPLASH WASH WITH WATER AND CONSULT A PHYSICIAN

SECTION VI: REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	XX	

INCOMPATIBILITY (MATERIALS TO AVOID)

HAZARDOUS DECOMPOSITION PRODUCTS

HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	XX	

SECTION VII: SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

WASTE DISPOSAL METHOD

SOLID WASTE-INCINERATE

SECTION VIII: SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE)

USE IN WELL VENTILLATED AREAS

VENTILATION	LOCAL EXHAUST OK	SPECIAL
	MECHANICAL (GENERAL)	OTHER

PROTECTIVE GLOVES YES-RUBBER	EYE PROTECTION YES GOGGLES

OTHER PROTECTIVE EQUIPMENT

USE PROTECTIVE CREAMS IF PRACTICABLE.

SECTION IX: SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

STORE BELOW 95°F. EPOXY COMPOUNDS AND POLYAMINE CURING AGENTS MAY CAUSE SKIN IRRITATION. WASH HANDS WITH SOAP AND WATER AFTER EACH USE.

OTHER PRECAUTIONS

DPM ~~537-2~~ 5357-2

D Aircraft Products Co.
"BETTER AIRCRAFT THROUGH CHEMISTRY"
1191 Hawk Circle, Anaheim, California 92807
Telephone (714) 632-8444
Telex 683-482

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DATA SHEET

DAPCOTAC # 3008 (DPM 5357-2)

LOW DENSITY S E EPOXY FILLER

DESCRIPTION AND USES:

This material represents a break thru in low density, self extinguishing epoxies. It's physical properties are exceptionally good for this type of compound. The cured material shows excellent adhesion to clean metal and wood, very low water absorption and good chemical resistance particularly to aircraft fluids. Furthermore, it can be nailed, threaded, countersunk, cut, drilled, etc. without cracking or chipping.

GENERAL PROPERTIES:

Type	epoxy
Color	light tan
Solids	100%
Stability	1 year in separate, closed containers (60-85°F)

CURED PROPERTIES:*

Density	28-32 #/cu ft. (depending on degree of tamping)
Compression	1,800 psi minimum
Modulus (flexure)	2×10^{-5}
Water absorption (24 hrs)	.4%
Flammability	self extinguish 0-3 sec.

Directions for use:

1. Combine A and B components at 100 to 35 parts by weight. Mix well till uniform in color.
2. Cure to handle in 6 hours with pot life of 60** minutes. Full cure 72 hours.
3. Post cure for full physicals-2 weeks 80°F, 50%RH

* 3 days at 80°F, 50%RH plus 2 hours 200°F

** ½ Pint quantity. When mixing larger volumes considerable exotherm will result with corresponding reduction in pot life.

CAUTION: Epoxy compound may cause dermatitis in allergy prone individuals. Handle compounds in a well ventillated area. Wear

Rwo

DAC 25-2140 (12-73)

DPM/QPL REQUEST

DPM NO. 5357-2
DMS QPL NO.
ISSUE NO.

NEW ☐ REV. ☑ DATE: 12-13-85 ENGINEER RADECKY

FILLER, EPOXY, EDGE, LOW DENSITY
GENERAL TITLE | SPEC. OR CLASS | ST. TEMP. | TOX. | FL. PT. | SHELF LIFE | LABEL

DAC CODE NO.

P.O. NOTES: P.O. TO SPECIFY requested MSDS

GEN. NOTES:

USED BY DPS:

	MANUFACTURER'S NAME	CITY, STATE	MFR.'S DESIGNATION
1.			
2.	FURANE PRODUCTS COMPANY, A SUBSIDIARY OF RHOM AND HAAS	2121 SAN FERNANDO ROAD WEST, L.A. CA 90039	EPOCAST 87005
3.			
4.			
5.			
6.			

LAB REPORT NUMBER:
REASON FOR REQUEST: M & T CHEM. CHANGED OWNERSHIP AND NAME - NAME WAS M&T CHEMICAL - IS NOW FURANE PRODUCTS COMPANY, A SUBSIDIARY OF RHOM & HAAS
SPECIFY CHANGE(S) MADE: CHANGE M&T CHEMICALS INC. TO FURANE PRODUCTS COMPANY, A SUBSIDIARY OF RHOM & HAAS

MATERIAL SAFETY DATA SHEET REQUIRED ☐ YES ☐ NO

CHANGE INFO.	REQ'D	COMPL.
DPM LIST	✓	✓
DMS QPL LIST		
MMS LIST		
ALPHABETICAL LIST		
NUM. VENDOR # LIST		

NO. 5357-2

BOE-C6-0202417

DAC 25-2140 (12-73)

DPM/QPL REQUEST

DPM NO. 5357-2
DMS QPL NO.
ISSUE NO.

NEW ☐ REV. ☑ DATE: 9/3/85 ENGINEER RADECKY

FILLER, EPOXY, EDGE, LOW DENSITY					1 YR	
GENERAL TITLE	SPEC. OR CLASS	ST. TEMP.	TOX.	FL. PT.	SHELF LIFE	LABEL only change

DAC CODE NO.

P.O. NOTES: P.O. TO SPECIFY

GEN. NOTES:

USED BY DPS:

	MANUFACTURER'S NAME	CITY, STATE	MFR.'S DESIGNATION
1.	D AIRCRAFT PROD. CO.	ANAHEIM, CA	#3008 TYPE I LOW DENSITY SE EDGE FILLER
2.	M & T CHEMICALS, INC.	L.A. CA.	EPOCAST 87005 A/B
3.			
4.			
5.			
6.			

LAB REPORT NUMBER:

REASON FOR REQUEST: PER TELECON W/ LARRY POOLE OF GENERAL DYNAMICS - 'D' AIRCRAFT'S #3008 AFTER 2 (TWO) YEARS SHELF LIFE WAS UNACCEPTABLE.

SPECIFY CHANGE(S) MADE: CHANGE SHELF LIFE (S.L.) FROM INDEF. TO 1 YEAR

MATERIAL SAFETY DATA SHEET REQUIRED ☐ YES ☐ NO

BUYER: VALERIE

CHANGE INFO.	REQ'D	COMPL.
DPM LIST	✓	✓
DMS QPL LIST		
MMS LIST		
ALPHABETICAL LIST		
NUM. VENDOR # LIST		
SPEC. CROSS INDEX		

NO. 5357-2

9-9-85

Manufacturing Engineering V & Booster
L.C. Nagle, J. Mawing (A-5), Mailroom

BOE-C6-0202418