JAN 17 1982

Form Approved
OMB No. 44-R1387

U. S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration

MATERIAL SAFETY DATA SHEET

DPM1311-1

Required under USDL Safety and Health Regulations for Ship Repairing, Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

SECTION I

MANUFACTURER'S NAME: Poly-Resins	EMERGENCY TELEPHONE NO.: (213) 768-6600
ADDRESS (Number, Street, City, State, and ZIP Code): 11737 Wicks St., Sun Valley, CA 91352	
CHEMICAL NAME AND SYNONYMS:	TRADE NAME AND SYNONYMS: Epoxy Hardener M
CHEMICAL FAMILY: Reactive Polyamide	FORMULA:

SECTION II HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST	100		ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					

HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES	%	TLV (Units)

SECTION III PHYSICAL DATA

BOILING POINT (°F.)		SPECIFIC GRAVITY (H_2O=1)	1.05
VAPOR PRESSURE (mm Hg.)		PERCENT VOLATILE BY VOLUME (%)	9.05
VAPOR DENSITY (AIR=1)		EVAPORATION RATE (Bu Acetate=1)	47
SOLUBILITY IN WATER			
APPEARANCE AND ODOR			

SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	FLAMMABLE LIMITS	Lel	Uel
130°F (tag open cup)			

EXTINGUISHING MEDIA
CO_2, dry chemical, chemical foam or water fog may be used

SPECIAL FIRE FIGHTING PROCEDURES
The usual fireman's body protection should be worn as well as self-contained breathing apparatus to rpotect from vapors formed from the product.

UNUSUAL FIRE AND EXPLOSION HAZARDS

(Continued on reverse side)

SECTION V HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE
Polymeric in nature, low toxicity

EFFECTS OF OVEREXPOSURE
Skin irritation, mucous membrane irritation.

EMERGENCY AND FIRST AID PROCEDURES
Skin contact - wash with soap and water. Eye contact - flush eyes thorough contact physician immediately.

SECTION VI REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	

INCOMPATABILITY *(Materials to avoid)*

HAZARDOUS DECOMPOSITION PRODUCTS

HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

SECTION VII SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
Absorb in absorbent sweeping/cleaning compound (e.g. "Oil Dry").

WASTE DISPOSAL METHOD
Disposal of waste should be in accordance with Federal, State and local regulations regarding environmental control.

SECTION VIII SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION *(Specify type)*

VENTILATION	LOCAL EXHAUST	SPECIAL
	MECHANICAL *(General)*	OTHER

PROTECTIVE GLOVES	EYE PROTECTION
Rubber or plastic gloves.	Chemical safety goggles.

OTHER PROTECTIVE EQUIPMENT
Safety shower and eye-wash stations.

SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING
Store at ambient temperature, protect against any contamination.

OTHER PRECAUTIONS

Form OSHA-20
Rev. April 72

UNION CARBIDE CORPORATION
CHEMICALS AND PLASTICS
100 OCEANGATE, LONG BEACH, CALIFORNIA 90802 · TELEPHONE 213-435-3721

March 15, 1978

Douglas Aircraft Company
3855 Lakewood Blvd.
Long Beach, Calif. 90846

Attention: M.J. Vereroso

Dear Mr. Vereroso:

We regret we cannot comply with your request of March 10 with regard to data on ERL-2795, ERL-2807 and Anti-Freeze.

We no longer manufacture ERL-2795 or ERL-2807. As for the Anti-Freeze, we do not manufacture this material in this Division; suggest you contact our Consumer Products Division.

DPM 1311

DPM 1310

Very truly yours,
UNION CARBIDE CORPORATION
Chemicals and Plastics

F. J. Conroy
Area Specialist

FJC:df