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

Form Approved
OMB No. 44-R1387

DPM 5202

MATERIAL SAFETY DATA SHEET

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

SECTION I

MANUFACTURER'S NAME: GOODYEAR TIRE AND RUBBER CO.	EMERGENCY TELEPHONE NO.: (404)-684-7855
ADDRESS (Number, Street, City, State, and ZIP Code): Distributed: Goodyear Street, Rockmart, GA 30153	
CHEMICAL NAME AND SYNONYMS: Polyurethane system in volatile solvent	TRADE NAME AND SYNONYMS: 82C27
CHEMICAL FAMILY: Ployurethane	FORMULA:

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE Toluene	33	200ppm	METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES Diamine catalyst	16		OTHERS		
OTHERS Polyurethane	51		Containing residual isocyanate groups	-	0.02ppm

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

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	231°F	SPECIFIC GRAVITY (H_2O=1)	1.1
VAPOR PRESSURE (mm Hg.)		PERCENT, VOLATILE BY VOLUME (%)	60 %
VAPOR DENSITY (AIR=1)	3.14	EVAPORATION RATE (water ——— =1)	rapid
SOLUBILITY IN WATER	slight		
APPEARANCE AND ODOR	Aromatic solvent - clear light straw liquid.		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used): 44°F TCC	FLAMMABLE LIMITS	Lel: 1.27	Uel: 7.0

EXTINGUISHING MEDIA: Chemical or CO_2

SPECIAL FIRE FIGHTING PROCEDURES:

UNUSUAL FIRE AND EXPLOSION HAZARDS:

(Continued on reverse side)

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SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE
0.02 ppm

EFFECTS OF OVEREXPOSURE
Irritating to eyes and respiratory tract. Prolonged or repeated contact may cause drying of skin.

EMERGENCY AND FIRST AID PROCEDURES
Immediately flush eyes with water- get medical attention. In case of ~~ns~~ exposure to high concentrations, remove to fresh air.

SECTION VI - REACTIVITY DATA

STABILITY			CONDITIONS TO AVOID
	UNSTABLE		
	STABLE	X	

INCOMPATABILITY *(Materials to avoid)*

HAZARDOUS DECOMPOSITION PRODUCTS

HAZARDOUS POLYMERIZATION			CONDITIONS TO AVOID
	MAY OCCUR		
	WILL NOT OCCUR	X	

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Absorb material with rags or vermiculite

WASTE DISPOSAL METHOD
Land fill

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION *(Specify type)*
Use in well ventilated area to maintain concentrations below TLV.

VENTILATION	LOCAL EXHAUST	SPECIAL
	MECHANICAL *(General)*	OTHER

PROTECTIVE GLOVES	EYE PROTECTION
Yes - Toluene resistant	Yes - shielded glasses or goggles

OTHER PROTECTIVE EQUIPMENT
Use approved organic vapor mask if TLV is exceeded.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING
Keep away from heat, sparks or open flame. Keep can closed. Avoid contact with eyes skin or mucous membranes.

OTHER PRECAUTIONS
Avoid breathing vapors. Use adequate ventilation.

GPO 934-110

BOE-C6-0201894

GA-132

GOODYEAR AEROSPACE

CORPORATION

AKRON, OHIO 44315

December 7, 1977

M J Veneroso
Department C1-726 (52-11)
Douglas Aircraft Company
3855 Lakewood Blvd
Long Beach, California 90846

Dear Mr Veneroso,

Per your request enclosed is a Material Safety Data Sheet for Cement Repair Kit 82C27. DPM 5202

Very truly yours,

G L Hess
Corporate Industrial Hygienist

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