DPM 754 Resin Polyester Fire Resistant

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

Form Approved
OMB No. 44-R1387

JAN 15 1982

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 Durez Division, Hooker Chemicals & Plastics Corporation	EMERGENCY TELEPHONE NO. (716) 696-1600
ADDRESS (Number, Street, City, State, and ZIP Code) Walck Road, North Tonawanda, New York 14120	
CHEMICAL NAME AND SYNONYMS Polyester; Styrenated Polyester	TRADE NAME AND SYNONYMS Hetron 92
CHEMICAL FAMILY Unsaturated Polyester	FORMULA Polyester Polymer; Styrene Monomer

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE Styrene	30		METALLIC COATINGS N/A		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					

HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES	%	TLV (Units)
Unsaturated polyester resin	70	
Styrene monomers	30	

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	N/A	SPECIFIC GRAVITY (H_2O=1) 77/60°F	1.30
VAPOR PRESSURE (mm Hg.) 7-10 @ 25°C		PERCENT, VOLATILE BY VOLUME (%)	40%
VAPOR DENSITY (AIR=1)	N/A	EVAPORATION RATE (_____ =1)	Unknown
SOLUBILITY IN WATER	None		

APPEARANCE AND ODOR Clearyyellow viscous liquid, aromatic

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Tag Closed Cup Flash Point 65°F

FLASH POINT (Method used) Pensky Martin Closed Cup - 89°F	FLAMMABLE LIMITS % Volume Air	Lel 1.1	Uel 6.1

EXTINGUISHING MEDIA
Water, carbon dioxide, foamite extinguishers

SPECIAL FIRE FIGHTING PROCEDURES
None

UNUSUAL FIRE AND EXPLOSION HAZARDS
None

(Continued on reverse side)

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SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE
Unknown

EFFECTS OF OVEREXPOSURE
May cause lassitude, narcosis and skin irritation

EMERGENCY AND FIRST AID PROCEDURES
Cleanse skin with an ester solvent such as butyl "Cellusol". Recommend use of protective creams at regular intervals for skin. For eye contact wash with liberal amounts of clean, cool water. If swallowed, induce vomiting when patient is conscious.

SECTION VI - REACTIVITY DATA

STABILITY			CONDITIONS TO AVOID
(Ambient Temp)	UNSTABLE		Prolonged exposure to high heat will render the material useless.
	STABLE	X	

INCOMPATABILITY *(Materials to avoid)*
N/A

HAZARDOUS DECOMPOSITION PRODUCTS
Carbon monoxide, hydrogen chloride, and residual carbon.

HAZARDOUS POLYMERIZATION			CONDITIONS TO AVOID
	MAY OCCUR		N/A
	WILL NOT OCCUR	X	

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
Flush with solvents such as acetone or methyl ethyl ketone and with large quantities of water. Use appropriate safety precautions for handling solvents.

WASTE DISPOSAL METHOD
Bury

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION *(Specify type)*
Face mask or respirator may be used in enclosed areas.

VENTILATION	LOCAL EXHAUST	SPECIAL
	MECHANICAL *(General)* Forced draft or exhaust fan	OTHER

PROTECTIVE GLOVES	EYE PROTECTION
Recommended to avoid prolonged skin contact.	Safety glasses - minimum

OTHER PROTECTIVE EQUIPMENT
N/A

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING
Resin is stable for a minimum of 6 months @ 77°F or below.

OTHER PRECAUTIONS
N/A