

MATERIAL SAFETY DATA SHEET *xm.2826*

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

SECTION I

MANUFACTURER'S NAME Martin Picard, Inc.		EMERGENCY TELEPHONE NO. 201-487-7878
ADDRESS (Number, Street, City, State, and ZIP Code) 115-117 Moonachie Avenue, Carlstadt, N.J. 07072		
CHEMICAL NAME AND SYNONYMS Pthalocyanine Blue C.I. # 15:3	TRADE NAME AND SYNONYMS VCB-38 Pthalocyanine Blue	
CHEMICAL FAMILY Dispersion is solid epoxy resin	FORMULA	

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)	
PIGMENTS	50		BASE METAL Water Soluble barium as barium	.5		
CATALYST			ALLOYS Lead	.03		
VEHICLE epoxy resin	50		METALLIC COATINGS			
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX			
ADDITIVES			OTHERS Total antimony, arsenic			
OTHERS			cadmium, mercury & selenium	.03		
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES					%	TLV (Units)
No appreciable hazards when handled with good practices in the normal course of operations.						

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	Melting Point	235° F	SPECIFIC GRAVITY (H ₂ O=1)	1.48
VAPOR PRESSURE (mm Hg.)	Na		PERCENT VOLATILE BY VOLUME (%)	NA
VAPOR DENSITY (AIR=1)	Na		EVAPORATION RATE (_____ =1)	NA
SOLUBILITY IN WATER	insoluble			
APPEARANCE AND ODOR	Dark Blue Solid Granular			

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	NA	FLAMMABLE LIMITS	LeI	Uel
EXTINGUISHING MEDIA	Carbon Dioxide, dry chemical foam			
SPECIAL FIRE FIGHTING PROCEDURES	None			
UNUSUAL FIRE AND EXPLOSION HAZARDS	None			

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

15 mg./cu. m; 50 mppcf; LD50 > 16 gm./kg. (rats acute oral)

EFFECTS OF OVEREXPOSURE

Unknown

EMERGENCY AND FIRST AID PROCEDURES

Wash eyes with copious amounts of water

SECTION VI - REACTIVITY DATA

STABILITY

UNSTABLE

CONDITIONS TO AVOID

STABLE

X

INCOMPATIBILITY (Materials to avoid)

Strong oxidizing materials

HAZARDOUS DECOMPOSITION PRODUCTS

Carbon Monoxide and/or Carbon Dioxide

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

NA

WASTE DISPOSAL METHOD

Incinerate or landfill under approved conditions

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

Use appropriate dust mask

VENTILATION

LOCAL EXHAUST

SPECIAL

Recommended

MECHANICAL (General)

OTHER

PROTECTIVE GLOVES

Not an irritant

EYE PROTECTION

Safety Goggles

OTHER PROTECTIVE EQUIPMENT

Local exhaust if dust is a problem

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Store in dry waterproof area, keeping away from excessive heat

OTHER PRECAUTIONS