

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

Form Approved
OMB No. 44-R1387

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 Murmac Paint Mfg. Inc.		EMERGENCY TELEPHONE NO. (608) 362 1900
ADDRESS (Number, Street, City, State, and ZIP Code) 1300 Harvey St., Beloit, WI 53511		
CHEMICAL NAME AND SYNONYMS Paint, Latex	TRADE NAME AND SYNONYMS Murmac Field Marking Paint	
CHEMICAL FAMILY	FORMULA	

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS } Titanium Dioxide		NA	BASE METAL		
CATALYST } Calcium Carbonate		NA	ALLOYS		
VEHICLE } Vinyl Acrylic Latex		NA	METALLIC COATINGS		
SOLVENTS (55% N.V.)			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
Less than 0.1% Formeldehyde					NA
Less than 0.01% Mercury					NA

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	212°	SPECIFIC GRAVITY (H ₂ O=1)	
VAPOR PRESSURE (mm Hg.)		PERCENT VOLATILE BY VOLUME (%)	60-70%
VAPOR DENSITY (AIR=1)	Less than Air	EVAPORATION RATE (_____ =1)	Equal to water
SOLUBILITY IN WATER			
APPEARANCE AND ODOR	White fluid with a faint ester odor		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	NA	FLAMMABLE LIMITS	LeI	UeI
EXTINGUISHING MEDIA	For dried solids, use water, foam, CO ₂ , or dry chemicals			
SPECIAL FIRE FIGHTING PROCEDURES				
UNUSUAL FIRE AND EXPLOSION HAZARDS	Closed containers may explode when exposed to extreme heat.			

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

EFFECTS OF OVEREXPOSURE

Irritation to eyes and respiratory tract, may cause headaches and dizziness, may have other central nervous system effects.

EMERGENCY AND FIRST AID PROCEDURES

Splash (eyes) flush immediately with large amounts of water for at least 15 minutes. Consult physician. Splash (skin). Wash with soap and water.

SECTION VI - REACTIVITY DATA

STABILITY

UNSTABLE

CONDITIONS TO AVOID

NA

STABLE

X

INCOMPATIBILITY (Materials to avoid)

NA

HAZARDOUS DECOMPOSITION PRODUCTS

NA

HAZARDOUS POLYMERIZATION

MAY OCCUR

CONDITIONS TO AVOID

WILL NOT OCCUR

X

NA

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Remove all sources of sparks, flames, or hot surfaces. Use with adequate ventilation.

WASTE DISPOSAL METHOD

Dispose in accordance with local, state and federal regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

VENTILATION

LOCAL EXHAUST

Yes

SPECIAL

No

MECHANICAL (General)

Yes

OTHER

PROTECTIVE GLOVES

Yes

EYE PROTECTION

Safety glasses with sideshields

OTHER PROTECTIVE EQUIPMENT

Use protective cream where skin contact likely.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Avoid storing near open flame or hot surfaces. Do not take internally

OTHER PRECAUTIONS

Keep from freezing, product may coagulate.