

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

Form Approved
OMB No. 44-R1387

MATERIAL SAFETY DATA SHEET

Cat. No.
M-1910

Sheet 1 of 2

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

SECTION I

MANUFACTURER'S NAME A. B. Chance Co.		EMERGENCY TELEPHONE NO. 314-682-8435
ADDRESS (Number, Street, City, State, and ZIP Code) 210 S. Allen Street, Centralia, MO 65240		
CHEMICAL NAME AND SYNONYMS	TRADE NAME AND SYNONYMS Pole Preservative (Varnish)	
CHEMICAL FAMILY Resin Mod. Alkyd	FORMULA	

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			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)
Butyl Alcohol	3	50ppm
Xylene	48	100ppm
Aromatic Solvent	7	150ppm
Lead	0.26	

SECTION III - PHYSICAL DATA

BOILING POINT (°F.) Range	243-400	SPECIFIC GRAVITY (H ₂ O=1)	0.965
VAPOR PRESSURE (mm Hg.)		PERCENT, VOLATILE BY VOLUME (%)	65.3
VAPOR DENSITY (AIR=1)	>1	EVAPORATION RATE (<u>ether</u> =1)	<1
SOLUBILITY IN WATER	V. SLT.		
APPEARANCE AND ODOR			

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used) 80°F TCC	FLAMMABLE LIMITS	Lel	Uel
EXTINGUISHING MEDIA CO ₂ Dry Chemical or Foam			
SPECIAL FIRE FIGHTING PROCEDURES Water may be ineffective on fire but water spray may be used to cool closed containers exposed to extreme heat or fire to prevent pressure buildup and possible autoignition or explosion.			
UNUSUAL FIRE AND EXPLOSION HAZARDS Keep away from heat, sparks and open flame. Closed containers may explode when exposed to extreme heat or fire.			

SECTION V - HEALTH HAZARD DATA	
THRESHOLD LIMIT VALUE	See Section II
EFFECTS OF OVEREXPOSURE	Irritation of eyes, skin and respiratory tract. Possible dermatitis on repeated & prolonged skin contact.
EMERGENCY AND FIRST AID PROCEDURES	Fumes - move person to well-ventilated area. Restore breathing, get medical attention.
	Skin - Wipe with clean cloth. Wash thoroughly with soap and water.
	Eyes - Flush thoroughly with water. Get medical attention.

SECTION VI - REACTIVITY DATA			
STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	Avoid contamination with foreign materials.
INCOMPATIBILITY (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	
Remove all sources of ignition, ventilate area. Mop spills with inert absorbent burn sweepings in a safe area.	
WASTE DISPOSAL METHOD	
Dispose in accordance with local regulations. Do not incinerate closed containers.	

SECTION VIII - SPECIAL PROTECTION INFORMATION		
RESPIRATORY PROTECTION (Specify type)		
Use paint spray mask, mechanical filter respirator.		
VENTILATION	LOCAL EXHAUST	SPECIAL
	MECHANICAL (General)	OTHER
PROTECTIVE GLOVES		EYE PROTECTION
Solvent resistant gloves.		Splash proof goggles.
OTHER PROTECTIVE EQUIPMENT		

SECTION IX - SPECIAL PRECAUTIONS	
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING	
Store below 100°F. Keep containers closed and away from heat and open flame.	
OTHER PRECAUTIONS	
Avoid prolonged contact with skin and breathing vapors or spray mist. Do not take internally.	

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

Form Approved
OMB No. 44-R1387

MATERIAL SAFETY DATA SHEET

Cat. No.
M-1910

Sheet 2 of 2

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

SECTION I

MANUFACTURER'S NAME A. B. Chance Co.		EMERGENCY TELEPHONE NO. 314-682-8435
ADDRESS (Number, Street, City, State, and ZIP Code) 210 N. Allen Street - Centralia, MO 65240		
CHEMICAL NAME AND SYNONYMS Xylene	TRADE NAME AND SYNONYMS Pole Preservative (Reducer)	
CHEMICAL FAMILY	FORMULA	

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS Xylene	100	100ppm	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.) Range	266-311	SPECIFIC GRAVITY (H ₂ O=1)	.859
VAPOR PRESSURE (mm Hg.)	10	PERCENT VOLATILE BY VOLUME (%)	100
VAPOR DENSITY (AIR=1)	>1	EVAPORATION RATE (ether =1)	<1
SOLUBILITY IN WATER	Insol.		
APPEARANCE AND ODOR			

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used) 80°F TCC	FLAMMABLE LIMITS	Lel	Uel
EXTINGUISHING MEDIA CO ₂ , Dry Chemical or foam			
SPECIAL FIRE FIGHTING PROCEDURES *			
UNUSUAL FIRE AND EXPLOSION HAZARDS *			

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

Not determined.

EFFECTS OF OVEREXPOSURE

This product contains epoxy resins which may cause skin and eye irritation and/or sensitization after repeated contact.

EMERGENCY AND FIRST AID PROCEDURES

In case of skin contact, wash immediately with soap and water. For eyes, flush with plenty of water for 15 minutes and seek medical attention immediately.

SECTION VI - REACTIVITY DATA

STABILITY

UNSTABLE

CONDITIONS TO AVOID

STABLE

X

INCOMPATIBILITY (Materials to avoid)

Strong acids, amines, mercaptans and bases

HAZARDOUS DECOMPOSITION PRODUCTS

HAZARDOUS
POLYMERIZATION

MAY OCCUR

X

CONDITIONS TO AVOID

with amine compounds under uncontrolled conditions.

WILL NOT OCCUR

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Absorb with inert material (sand, vermiculite, etc.) sweep or scoop up and put in disposal container. Flush area immediately with plenty of water, prevent washings from entering waterways.

WASTE DISPOSAL METHOD

Incinerate in furnace or bury in landfill in accordance with federal, state and local regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type) NIOSH approved organic respirators are only required where ventilation is inadequate.

VENTILATION

LOCAL EXHAUST

X

SPECIAL

MECHANICAL (General)

X

OTHER

PROTECTIVE GLOVES

Impervious Gloves

EYE PROTECTION

Safety Glasses

OTHER PROTECTIVE EQUIPMENT

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

WARNING - Causes irritation, may cause sensitization. Avoid contact with eyes skin and clothing. Wash thoroughly after handling.

OTHER PRECAUTIONS