



MATERIAL SAFETY DATA SHEET

("essentially similar" to OSHA - 20)

Notice: The information herein is given in good faith but no warranty, express or implied, is made.

SECTION I - PRODUCT IDENTIFICATION

MANUFACTURER'S NAME	OSMOSE WOOD PRESERVING CO. OF AMERICA, INC.	EMERGENCY TELEPHONE NO.	(404) 228-8434 (716) 882-5905
ADDRESS	1018 Everree Inn Road, Griffin, GA 30224 980 Ellicott Street, Buffalo, NY 14209	DATE FORM WRITTEN	7/1/84
TRADE NAME	Osmose ³ Brand Pressure Treated Wood	SYNONYMS	K-33®-C Brand CCA-C

SECTION II - HAZARDOUS INGREDIENTS

MATERIAL & COMPONENT	CAS NO.	0.25 pcf	0.4 pcf	0.6 pcf	1.0 pcf	2.5 pcf	TLV
		COMPONENT %*					
ARSENIC PENTOXIDE	1303-28-2	0.3	0.4	0.6	1.0	2.6	0.2 mg/m ³ ** as As
COPPER OXIDE	1317-39-1	0.15	0.2	0.3	0.6	1.3	1.0 mg/m ³ as Cu
TRIVALENT CHROMIUM	1308-38-9	0.4	0.6	0.9	1.4	3.3	0.5 mg/m ³ as Cr
*Based on the applicable retention and a wood density of 32 pcf. These values may vary due to							
variability of treatment and the natural variability of wood.							
**Not subject to OSHA arsenic standard 29 CFR 1910.1018. TESTED AND FOUND							

SECTION III - PHYSICAL DATA

BOILING POINT, 760 MM HG	N.A.	MELTING POINT:	N.A.
SPECIFIC GRAVITY (H ₂ O = 1)	ESSENTIALLY THAT OF WOOD.	VAPOR PRESSURE:	N.A.
VAPOR DENSITY (AIR = 1)	N.A.	SOLUBILITY IN H ₂ O % BY WT:	HIGHLY INSOLUBLE
% VOLATILES BY VOL.	N.A.	EVAPORATION RATE (BUYLY ACETATE = 1):	N.A.
APPEARANCE AND ODOR	GREEN-YELLOW WOOD.	Ph (AS IS)	N.A.
		Ph (1% SOLN.)	N.A.

SECTION IV - FIRE AND EXPLOSION DATA

FLASH POINT (TEST METHOD)	N.A.	AUTOIGNITION TEMPERATURE	> 265°C
FLAMMABLE LIMITS IN AIR, % BY VOL.	LOWER	UPPER	.
EXTINGUISHING MEDIA	☒ WATER FOG ☒ FOAM	☐ ALCOHOL FOAM ☒ CO ₂	☒ DRY CHEMICAL ☐ OTHER
SPECIAL FIRE FIGHTING PROCEDURES	TOXIC VAPORS FROM WOOD AND PRESERVATIVE MAY BE GIVEN OFF IN A FIRE. 4-1 WEAR FULL PROTECTIVE EQUIPMENT AND SELF-CONTAINED AIR UNIT.		
UNUSUAL FIRE AND EXPLOSION HAZARD			

SECTION V – HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE	SEE SECTION II.
EFFECTS OF OVEREXPOSURE	Wood dust may cause skin irritation and breathing difficulty. Dry Osmose® Brand Pressure Treated Wood has a low order to toxicity, therefore, the above reactions are unlikely. When machining any type of wood, a dust mask is recommended. FRESHLY TREATED "wet" wood presents a greater handling and machining risk; wear rubber gloves when handling and a dust mask or respirator when machining.
EMERGENCY AND FIRST AID PROCEDURES	
	WASH WITH SOAP AND WATER. FOR BREATHING, USE DUST MASK.
	(See Section VIII).

SECTION VI – REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	
INCOMPATIBILITY (Materials to avoid)			
HAZARDOUS DECOMPOSITION PRODUCTS THERMAL: Ash will contain free arsenic and chromium and may be toxic.			
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
Maintain a clean workplace. Clean up scrap lumber and sawdust. Wear a dust mask when cleaning up sawdust.
WASTE DISPOSAL METHOD Dispose in accordance with all Federal, State and Local laws.
Dispose waste material in an approved landfill. DO NOT BURN: Ash may be toxic and a hazardous waste; combustion vapors may be toxic.
(Industrial generators of waste: call Osmose.)

SECTION VIII – SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type) When machining dry wood, a dust mask is recommended. For wet wood, a respirator may be required.		
VENTILATION	LOCAL EXHAUST	SPECIAL
	MECHANICAL (General) When machining.	OTHER
PROTECTIVE GLOVES - Rubber when handling wet wood. Leather to avoid splinters.		EYE PROTECTION To protect from sawdust.
OTHER PROTECTIVE EQUIPMENT As necessary to limit exposure when handling wet wood.		

SECTION IX – SPECIAL PRECAUTIONS OR OTHER PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING SEE LABEL: Use good personal hygiene, wash before eating and smoking. Specify only pressure treated wood treated with "oxide" CCA preservatives and free from excess surface deposits of preservatives. Avoid handling and machining of freshly treated "wet" wood unless specified safety precautions are observed.
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