



# 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, INC.	EMERGENCY TELEPHONE NO.	(404) 228-8434 (716) 882-5905
ADDRESS	1016 Everee Inn Road, Griffin, GA 30224 980 Ellicott Street, Buffalo, NY 14209	DATE FORM WRITTEN	3-2-81
TRADE NAME	FLAMEPROOF LHC Wood	SYNONYMS	
SECTION II — HAZARDOUS INGREDIENTS <sup>2</sup>			
MATERIAL AND COMPONENT	%	TLV	
Reacted ammoniated inorganic phosphates (no C.A.S number)	2-6*	25 ppm as NH <sub>3</sub>	
*Expressed as P <sub>2</sub> O <sub>5</sub> and a wood density of 32 pcf.			
This value may vary by specie and the natural variability of wood.			
<b>NOTE:</b> This product is free of sulfates, chlorides and other halogens within the technical limits of the raw materials used.			
SECTION III — PHYSICAL DATA			
BOILING POINT, 760 MM HG	N.A.	MELTING POINT	N.A.
SPECIFIC GRAVITY (H <sub>2</sub> O = 1)	Approx. 0.6	VAPOR PRESSURE	N.A.
VAPOR DENSITY (AIR = 1)	N.A.	SOLUBILITY IN H <sub>2</sub> O % BY WT	chemicals in wood are soluble
% VOLATILES BY VOL.	minor	EVAPORATION RATE (BUYLY ACETATE = 1)	
APPEARANCE AND ODOR	same as wood	Ph (AS IS)	N.A.      Ph (1% SOLN.)      N.A.
SECTION IV — FIRE AND EXPLOSION DATA			
FLASH POINT (TEST METHOD)	Fire retardant wood - N.A.	AUTOIGNITION TEMPERATURE	Fire retardant wood - N.A.
FLAMMABLE LIMITS IN AIR, % BY VOL.	LOWER		UPPER
EXTINGUISHING MEDIA	<input checked="" type="checkbox"/> WATER FOG <input checked="" type="checkbox"/> FOAM	<input type="checkbox"/> ALCOHOL FOAM <input checked="" type="checkbox"/> CO <sub>2</sub>	<input checked="" type="checkbox"/> DRY CHEMICAL <input type="checkbox"/> OTHER
SPECIAL FIGHTING PROCEDURED	This product is treated with a fire retardant designed to retard flame spread. It does not contribute fuel to a fire, however, fire fueled by an independent source may generate enough heat to cause thermal decomposition and the potential release of ammonia fumes.		
UNUSUAL FIRE AND EXPLOSION HAZARD			

### SECTION V — HEALTH HAZARD DATA

<b>THRESHOLD LIMIT VALUE</b>	See Section II
<b>EFFECTS OF OVEREXPOSURE</b>	Dry <b>FLAMEPROOF LHC</b> has a very low order of toxicity, similar to untreated wood. Extremely sensitive individuals may experience skin irritation due to wood extractives and salts in the sawdust. <b>WET WOOD</b> (freshly treated) may release ammonia fumes and may be a greater skin irritant than dry wood.
	Flush skin with water, then wash with a mild soap and apply skin moisturizing cream. If irritation persists, see a physician. For ammonia fumes released from wet wood, remove the individual to an area of fresh air.  Note to physician: Treat the same as exposure to ammoniated phosphate fertilizer.
<b>EMERGENCY AND FIRST AID PROCEDURES</b>	

### SECTION VI — REACTIVITY DATA

<b>STABILITY</b>	UNSTABLE		CONDITIONS TO AVOID Hygroscopic and corrosive properties similar to untreated wood in exposures
	STABLE	X	up to 90% Rh. ASK FOR TEST DATA.
<b>INCOMPATIBILITY</b> (Materials to avoid)		Avoid direct water contact.	
<b>HAZARDOUS DECOMPOSITION PRODUCTS</b>		Thermal: Ammonia fumes      From wood: Thermal: CO, CO <sub>2</sub>	
<b>HAZARDOUS POLYMERIZATION</b>	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

### SECTION VII — SPILL OR LEAK PROCEDURES

<b>STEPS TO BE TAKEN IN CASE OF MATERIAL IS RELEASED OR SPILLED</b>	Maintain a clean work area. Clean up scrap lumber from job site.
<b>WASTE DISPOSAL METHOD:</b>	Dispose in accordance with all Federal, State and Local laws.      Sanitary landfill.

### SECTION VIII — SPECIAL PROTECTION INFORMATION

<b>RESPIRATORY PROTECTION</b> (Specify type)		Normally not necessary. When machining, use a dust mask.	
<b>AVOID USE OF WET WOOD.</b>			
<b>VENTILATION</b>	LOCAL EXHAUST	Normally sufficient	SPECIAL
	MECHANICAL (General)	When machining	OTHER
<b>PROTECTIVE GLOVES</b> To avoid splinters		<b>EYE PROTECTION</b> When machining - safety goggles	
<b>OTHER PROTECTIVE EQUIPMENT</b> Use carbide tipped saw blades.			

### SECTION IX — SPECIAL PRECAUTIONS OR OTHER PRECAUTIONS

<b>PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING</b>	SEE PRODUCT LITERATURE. Ask for test data on hygroscopicity and corrosion testing. Direct water exposure may leach salts from the wood, reducing fire retardant properties. Do not store on ground or in open weather. <b>AVOID USE OF WET WOOD.</b>
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