



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. (716) 882-5905	
ADDRESS 980 Ellicott Street, Buffalo, NY 14209		DATE FORM WRITTEN August 4, 1983	
TRADE NAME PCP 5% RTU		SYNONYMS Pentachlorophenol	
SECTION II - HAZARDOUS INGREDIENTS ²			
MATERIAL AND COMPONENT	%	TLV	
Pentachlorophenol	5*	0.5 mg/m ³ Skin	
Petroleum Distillate	>90	500 PPM	
* As per Fed. Spec. TTW-570			
SECTION III - PHYSICAL DATA			
BOILING POINT, 760 MM HG		MELTING POINT	
SPECIFIC GRAVITY (H ₂ O = 1)		VAPOR PRESSURE	
VAPOR DENSITY (AIR = 1)		SOLUBILITY IN H ₂ O % BY WT	
% VOLATILES BY VOL.	80	EVAPORATION RATE (BUYLY ACETATE = 1)	
APPEARANCE AND ODOR	Dark brown liquid-phenolic	Ph (AS IS)	Ph (1% SOLN.)
SECTION IV - FIRE AND EXPLOSION DATA			
FLASH POINT (TEST METHOD)	116°F TCC	AUTOIGNITION TEMPERATURE	
FLAMMABLE LIMITS IN AIR, % BY VOL.		LOWER	UPPER
EXTINGUISHING MEDIA	<input type="checkbox"/> WATER FOG <input type="checkbox"/> ALCOHOL FOAM <input checked="" type="checkbox"/> DRY CHEMICAL <input checked="" type="checkbox"/> FOAM <input checked="" type="checkbox"/> CO ₂ <input type="checkbox"/> OTHER		
SPECIAL FIRE FIGHTING PROCEDURES	Toxic vapors such as HCL given off in fire. Wear full protective clothing and face mask with self-contained air unit.		
UNUSUAL FIRE AND EXPLOSION HAZARD	Sealed cans in a fire fueled by an independent fuel source may be a potential explosion hazard.		

SECTION V – HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE	SEE SECTION II.
EFFECTS OF OVEREXPOSURE	Inhalation: Sneezing, lacrimation, coughing, nausea, salivation, respiratory problems. Dermal: Skin irritation, delayed sensitivity to sunlight. Oral: Nausea. All exposures: Hyperthermia.
EMERGENCY AND FIRST AID PROCEDURES	Eyes: Wash with plenty of water for at least 15 minutes. Skin: Wash thoroughly with soap and water. Inhalation: Remove to fresh air. Oral: Induce vomiting (blunt instrument to back of throat). CONTAINS PETROLEUM DISTILLATES - AVOID ASPIRATION - CALL A PHYSICIAN. Pentachlorophenol is a metabolic stimulant.

SECTION VI – REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID High heat.
	STABLE	X	
INCOMPATIBILITY (Materials to avoid)			
HAZARDOUS DECOMPOSITION PRODUCTS Fire; HCL, CO, CO ₂			
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	Avoid contact. Remove all sources of ignition. Dike and recover liquid. Absorb with sawdust or other absorbant. Dispose in approved hazardous waste landfill.
WASTE DISPOSAL METHOD	
Dispose in accordance with all Federal, State and Local laws. Excess product may be incinerated by approved incinerator (800°C) or disposed in approved hazardous waste landfill. This product is toxic to fish - do not contaminate water. Triple rinse can and then bury in sanitary landfill.	

SECTION VIII – SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type) Normally not needed. Use NIOSH approved respirator if TLV is exceeded - TC-23C-52.		
VENTILATION	LOCAL EXHAUST Normally sufficient	SPECIAL
	MECHANICAL (General)	OTHER
PROTECTIVE GLOVES Rubber or Plastic		EYE PROTECTION Chemical Goggles
OTHER PROTECTIVE EQUIPMENT As necessary to avoid skin contact.		

SECTION IX – SPECIAL PRECAUTIONS OR OTHER PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING SEE LABEL.	Do not store near heat or open flames. Launder contaminated clothing before reuse. If interior of shoes are contaminated, discard. Avoid contamination of feed or food stuff.
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