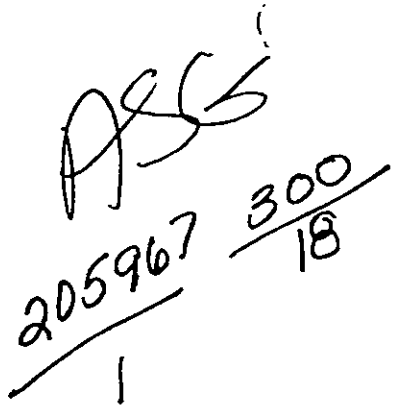


NOV 20 1987

$$\frac{205967}{1} \quad \frac{300}{18}$$

Mr. John E. Marcinowski  
 Koppers Company, Inc.  
 K-1201 Koppers Building  
 Pittsburgh, PA 15219

Dear Mr. Marcinowski:

Subject: Wolmanac Concentrate 50%  
 EPA Registration No. 61-128  
 Your Submissions Dated July 7 and September 24, 1987

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, is acceptable subject to the comments listed below. Five copies of the finished labeling must be submitted.

Since this product is a liquid and concentrations of treating solutions are given as percent by weight, include a statement on the label indicating the weight/gallon of the product.

Sincerely yours,

Lois A. Rossi  
 Product Manager (21)  
 Fungicide-Herbicide Branch  
 Registration Division (TS-767C)

88791:I:Toma:R-1:KENCO:11/10/87:11/23/87:dg:jh

CONCURRENCES

SYMBOL	ORIGINATOR						
	IS-767C						
SURNAME	Toma						
DATE	11/19/87						

**RESTRICTED USE PESTICIDE**

For sale to and use only by certified applicators or by persons under their direct supervision and only for those uses covered by the certified applicators' certification.

**Wolmanac<sup>®</sup> Concentrate 50%****KEEP OUT OF REACH OF CHILDREN****DANGER POISON**

**CAUSES SEVERE EYE AND SKIN BURNS. MAY BE FATAL IF INHALED, ABSORBED THROUGH SKIN OR SWALLOWED.**

Do not get in eyes, on skin, or on clothing. Wear face shield, plastic gown with long sleeves and plastic gloves when handling.

In case of contact, immediately remove all contaminated clothing, including shoes, and flush skin with plenty of water for at least 15 minutes. Provide sufficient general local exhaust ventilation in pattern volume to control inhalation exposures below current exposure limits.

Promptly wash skin thoroughly with soap and water after handling.

Applicators must wear gloves impervious to the wood treatment formulation in all situations where dermal contact is expected (e.g. handling freshly treated wood and manually opening cylinder doors).

Individuals who enter pressure treatment cylinders and other related equipment that is contaminated with the wood treatment solution (e.g. cylinders that are in operation or are not free of the treatment solution) must wear protective clothing including overalls, jacket, gloves and boots impervious to the wood treatment formulation. In addition, individuals who enter pressure-treatment cylinders must wear properly fitting well-maintained high efficiency filter respirators. MSHA/NIOSH approved for inorganic arsenic if the level of inorganic arsenic in the plant is unknown or exceeds 10 micrograms per cubic meter of air (10 ug m<sup>-3</sup>) averaged over an 8 hour work period. Air monitoring programs, procedures and record retention and submission must be conducted in accordance with the instructions on the attached labeling material.

Applicators must not eat, drink, or use tobacco products during those parts of the application process that may expose them to the wood treatment formulation (e.g. manually opening/closing cylinder doors, moving trams out of cylinders, mixing chemicals, and handling freshly treated wood).

Wash thoroughly after skin contact and before eating, drinking, use of tobacco product or using restrooms.

Protective clothing\* must be changed when it shows signs of contamination. Applicators must leave protective clothing and workshoes or boots and equipment at the plant. Worn out protective clothing and workshoes or boots must be left at the plant and disposed of in a manner approved for pesticide disposal and in accordance with state and Federal regulations.

\*Examples of acceptable protective clothing (e.g. gloves, overalls, jackets and boots) required during application and handling of inorganic arsenicals are vinyl, polyvinyl chloride (PVC), neoprene, NBR (Buna N) and polyethylene.

**AIR QUALITY MONITORING**

Individuals in the work area of an arsenical wood treatment plant must wear properly fitting, well-maintained high efficiency filter respirators. MSHA/NIOSH approved for inorganic arsenic if the level of inorganic arsenic in the plant is unknown or exceeds 10 micrograms per cubic meter of air (10 ug m<sup>-3</sup>) averaged over an 8 hour work period. Air monitoring programs, procedures and record retention and submission must be conducted in accordance with the instructions on the attached labeling material.

**RECEIVED**  
**COMMENTS**  
in EPA Letter Dated:

NOV 20 1987

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, this pesticide is registered under EPA Reg. No. 61-128

**For Industrial Use Only****PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS (AND DOMESTIC ANIMALS)****INGREDIENTS:**

Active Ingredients	23.75%
Chromic Acid	17.00%
Arsenic Pentoxide	9.25%
Cupric Oxide	
Inert Ingredients	
Water	50.00%
Total	100.00%

Arsenic content as metallic is 11.1% As  
Chromium content as metallic is 11% Cr  
EPA Reg No. 61-128  
EPA Est. No. 33907 CA (0)

**FIRST AID:**

**EYE CONTACT:** Immediately flush with large amounts of water for at least 15 minutes. Immediately seek medical aid.

**SKIN CONTACT:** Immediately flush area with large amounts of water. Remove contaminated clothing. Immediately seek medical aid.

**INHALATION:** Remove from exposure. If breathing has stopped or is difficult, administer artificial respiration or oxygen as indicated. Seek medical aid.

**INGESTION:** Immediately seek medical aid. Do not induce vomiting. Give 1 glass of milk or 1 to 2 oz (30 to 60g) of activated charcoal in water to victim as tolerated. Do not attempt to give anything by mouth to an unconscious person.

**DIRECTIONS:**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Contents for use only in pressure-treating wood products. Cannot be used in concentrated form. DO NOT attempt to use without reading the Manual and having the necessary safety equipment. To be used only in vacuum pressure impregnation of wood products utilizing water solutions having concentrations ranging from 1.0 percent to 10.0 percent by weight. Impregnation procedures must rigidly adhere to the current specifications of Koppers Company, Inc. and/or those of the American Wood Preservers Association.

Processes used to apply inorganic arsenical formulations shall leave no visible surface deposits on the wood, as defined by AWPAC Standard C-1 and AWPB Standards LP2 and LP22. (Visible surface deposits means a surface residue or crystallization on the treated wood. Small isolated or infrequent spots of chemical on otherwise clean wood shall be allowed.)

Pressure treatment of wood products with time tested Wolman Preservative provides wood in all its forms with build-in protection against termites, ascomycetes, white rot, brown rot and dry rot.

Refer to label attachment, Permissible Exposure Limit (PEL) Monitoring Program, for additional information concerning the use of this product.

**STORAGE AND DISPOSAL**

**STORAGE:** Keep closures tight and upright to prevent leakage. Keep container closed when not in use. In case of spillage, absorb and dispose of in accordance with local applicable regulations.

**PESTICIDE DISPOSAL:** Do not contaminate water, food or feed by storage or disposal. Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**CONTAINER DISPOSAL:** Triple rinse (or equivalent). Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill or by other procedures approved by state and local authorities.

**PHYSICAL AND CHEMICAL HAZARDS**

Do not use or store near heat or open flame. Close container after each use.

**WARRANTY:** We warrant this material to comply with our published specifications and to be of good merchantable quality and such as will regularly pass in the trade for goods within the description, and further warrant it to be fit for the normal purposes for which such goods are used. We assume no responsibility that this material is fit for any particular purpose outside of the general purposes of goods of the description.

Sold by Koppers Company, Inc., Pittsburgh, PA 15219  
MADE IN U S A

FPL 0400R03 8610C1.8

Medical Emergencies 1 800 553-5631 In Pennsylvania Call 1 800 323-6571