

FEB 26 2001

Mr. Rich Dunstan  
President  
PERMA-CHINK SYSTEMS, INC.  
17635 NE 67<sup>th</sup> Court  
Redmond, WA 98052

Dear Mr. Dunstan:

This is in response to your request dated January 25, 2001 to change the primary brand name for EPA Registration 59905-11 from Arbortech WP to:

**ARMOR-GUARD® INDUSTRIAL**

Your request for the name change is **accepted** and the change will be made to the Agency's records. All future correspondence on this product should reference the new name.

Sincerely yours,



Sherada D. Hobgood  
Notifications Review Coordinator  
Registration Division (7505C)



United States  
Environmental Protection Agency  
Washington, DC 20460

<input type="checkbox"/>	Registration
<input type="checkbox"/>	Amendment
<input checked="" type="checkbox"/>	Other

OPP Identifier Number

**Application for Pesticide - Section I**

Company/Product Number 59905-11	2. EPA Product Manager Marion Johnson	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
Company/Product (Name) *Armor-Guard Industrial [Arbertech WP]	PM# 10	
Name and Address of Applicant (Include ZIP Code) Perma-chink Systems, Inc. 17635 NE 67th Ct. Redmond, WA 98052 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. 1624-39 Product Name Tim-bor DPT	

**NOTIFICATION**  
FEB 26 2001

**Section - II**

<input type="checkbox"/> Amendment - Explain below.	<input checked="" type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

**Explanation:** Use additional page(s) if necessary. (For section I and Section II.)  
Notification of Primary brand name change per PR notice 98-10 Section VI  
Notification of alternative source of active ingredient PR Notice 98-10 Section iii

**Section - III**

**Material This Product Will Be Packaged In:**

Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	2. Type of Container <input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
<b>Certification must be submitted</b>		If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt. No. per container

Location of Net Contents Information  
 Label  Container

4. Size(s) Retail Container

5. Location of Label Directions

Manner in Which Label is Affixed to Product  
 Lithograph Paper glued Stenciled  Other \_\_\_\_\_

**Section - IV**

Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)

Name Rich Dunstan	Title President	Telephone No. (Include Area Code) 1-800-548-1231 1-425-885-6050
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**Certification**

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

Signature <i>Rich Dunstan</i>	3. Title PRESIDENT	6. Date Application Received (Stamped)
Typed Name RICH DUNSTAN	5. Date 01/25/01	

Section II Application for Pesticide

**Armor-Guard Industrial**

Notification of primary brand name change per PR Notice 98-10 Section II A  
Notification of alternative source of active ingredient per PR Notice 98-10 Section III A

This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.



**NOTIFICATION**  
**FEB 26 2001**

**A PRESERVATIVE FOR PROTECTION AND TREATMENT  
 OF WOOD AND WOOD-FOAM COMPOSITES STRUCTURAL  
 COMPONENTS AGAINST DECAY FUNGI AND  
 WOOD-DESTROYING INSECTS.**

**ACTIVE INGREDIENT:**

Disodium Octaborate Tetrahydrate ..... 98% by weight  
 ( $\text{Na}_2\text{B}_8\text{O}_{13} \cdot 4\text{H}_2\text{O}$ )

**INERT INGREDIENT:** ..... 2% by weight

Total 100% by weight

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

See back panel for additional precautionary statements

EPA Reg. No. 59905-11  
 EPA Est. No. 59905-TN-001

**NET CONTENT:**  
 50 lbs. (23.0 kg)

**Perma-Chink Systems, Inc.**  
 17635 N.E. 67th Ct.  
 Redmond, WA 98052  
 1-800-548-1231

Manufactured by:

**Perma-Chink Systems, Inc.**  
 1605 Prosser Road  
 Knoxville, TN 37914  
 1-800-548-3554

Made in the USA

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC  
ANIMALS**

**CAUTION:**

Harmful if swallowed. Avoid contact with eyes. Wash thoroughly after handling. Avoid contamination of food and feed. Do not leave container where children or animals may gain access.

**STATEMENT OF PRACTICAL  
TREATMENT**

**IF SWALLOWED**, immediately contact a physician or Poison Control Center. If these are unavailable, give the victim 1 or 2 glasses of water and induce vomiting by touching back of throat with fingers. Do not induce vomiting or give anything by mouth to an unconscious person. **IF IN EYES**, flush with plenty of water. Get medical attention if irritation persists. **IF ON SKIN**, remove contaminated clothing and wash skin with soap and water. **IF INHALED**, remove victim to fresh air.

**ENVIRONMENTAL HAZARDS**

"Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA\*.

**STORAGE AND DISPOSAL:**

Do not contaminate water, food or feed by storage or disposal.  
**Storage:** Store in a dry place. Do not store where children or animals may gain access.

**Pesticide disposal:** Wastes resulting from the use of this product may be disposed of on site or at approved waste disposal facility.

**Container disposal:** Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**PROTECTIVE EQUIPMENT**

Wear waterproof gloves, eye protection, protective clothing (e.g., long sleeve shirt and shoes) and MSHA/NIOSH approved dust/mist mask respiration (in confined spaces) when utilizing ARMOR-GUARD powder or solution.

**DIRECTIONS FOR USE:**

It is violation of Federal Law to use this product in a manner inconsistent with its labeling.

ARMOR-GUARD INDUSTRIAL is water soluble inorganic borate salt for the protection and treatment of lumber and wood-foam composite structural components against decay fungi and wood boring beetles including Powder-Post Beetles (Lyctidae), Furniture Beetles and Old House Borers (Anobiidae), and Longhorn Beetles (Cerambycidae). This treatment is not effective against wood staining fungi and may require mixing with compatible products.

ARMOR-GUARD INDUSTRIAL also controls Subterranean Termites (Reticulitermes, Coptotermes [Formosan], Heterotermes), Dampwood Termites (Zootermopsis), Drywood Termites (Kaloterms, Incisitermes), and Carpenter Ants (Camponotus).

ARMOR-GUARD INDUSTRIAL is recommended for all interior and exterior wood and wood-foam composite structural components, which will be protected, from rain and not in direct contact with soil. The treatment of lumber is permanent even after cutting and finishing providing the wood is not exposed to moisture or in contact with the soil. This product is toxic to wood destroying insects but surface etching of treated wood and wood-foam composite structural components may occur.

**DIP-DIFFUSION TREATMENT:**

**PREPARATION OF SOLUTIONS:** To prepare solutions, described below, water should be added to the tank to about 80% of the solution required. The temperature is then raised to the desired level and the calculated amount of ARMOR-GUARD INDUSTRIAL is gradually added with good agitation. The remaining water is then added and the solution agitated for an additional 10 minutes to ensure that all of the product has dissolved. The temperature of the solution should be maintained during treatment. Upon cooling some borate may crystallize out of the solution, but will re-dissolve when the solution is heated for the next treatment session. In very cold weather, some heating or insulation should be provided to prevent solidification in the bottom of the tank. The tank should be covered when not in use to prevent contamination and evaporation of water.

**SUGGESTED CONDITIONS AND SOLUTION STRENGTHS FOR THE DIP-DIFFUSION METHOD**

Lumber Thickness	Pounds of ARMOR-GUARD IND. Solution for 100 Gallons Solution	Temperature	Diffusion Period
Up to 1 inch (2.5 cm)	140	105°F (40°C)	2 to 4 weeks
1 to 1.75 inches (2.5 cm to 4.0 cm)	180	120°F (50°C)	4 to 6 weeks
1.75 to 2.5 inches (4.0 cm to 6.5 cm)	250	130°F (55°C)	4 to 6 weeks
2.5 to 3 inches* (6.5 cm to 7.5 cm)	280	135°F (57°C)	6 to 8 weeks

Lumber over 3 inches (7.5 cm) in thickness or over 5 inches (12.5 cm) in width should be dipped twice 24 to 72 hours apart.

**DIP DIFFUSION METHOD OF APPLICATION:** Dip freshly cut lumber in a tank containing a hot aqueous solution of ARMOR-GUARD INDUSTRIAL for 2 to 5 minutes. After dipping, the newly treated wood should be stacked and stored under a tarpaulin or shed roof to slow the drying process and prevent washoff by rainfall, thus improving penetration. Diffusion of the wood preservative into the interior of the wood will start immediately and will require several weeks to thoroughly penetrate the lumber, depending on species and thickness of wood. The dip-diffusion method of treatment can result in complete penetration throughout the whole cross-sectional area of treated lumber.

**PRESSURE TREATMENT:** Pressure treatment must rigidly adhere to the current specifications of ARMOR-GUARD Industrial and/or those of the American Wood Preservers' Association (AWPA).

**PRE-TREATMENT:** Wood-foam composite structural components may be treated to prevent infestation of attacking organisms. Apply a 10% aqueous solution of ARMOR-GUARD™ DPT (1 lb./gallon solution). Solution may be applied by spray or brush until surface thoroughly wetted (approximately 7-10 gallons per 1000 sq.ft.) Current ARMOR-GUARD INDUSTRIAL and/or American Wood Preservers' Association specifications and test methods should be followed to ensure adequate chemical loadings in wood.

Pretreatment of Polystyrene beads prior to expansion. Mix ARMOR-GUARD INDUSTRIAL dry chemical 3% to 5% weight to the dry polystyrene beads and process in normal manner to manufacture Polystyrene insulation.

**Notice**

Because of many varying conditions affecting use and application, manufacturer warns buyer that these may impair or vary the results or effects of the use of this product. In any event, complete prevention of decay by fungi or other organisms is not guaranteed. Neither manufacturer nor seller shall be liable in respect to any injury or damages suffered by reason of the use of this product for a purpose not indicated by the label, or when used contrary to the directions or instructions hereon, nor with respect to breach of any warranty not expressly specified herein. Buyer accepts this material subject to these terms, and assumes all risk of usage and handling except when used or handled in accordance with this label.

There are no express warranties on ARMOR-GUARD INDUSTRIAL or implied warranties of merchantability or fitness for any particular purpose, except as specifically stated herein. Manufacturer shall not be liable for any consequential damages based on the use of the product

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