

72616-8

4/10/2013

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (H7505C)
1200 Pennsylvania Avenue, N.W.
Washington, D.C. 20460

EPA Reg. Number: 72616-8	Date of Issuance: APR 10 2013
Term of Issuance: Unconditional	
Name of Pesticide Product: Permatek™ 100 Encaps	

NOTICE OF PESTICIDE:

Registration
 Reregistration

(Under FIFRA as amended)

Name and Address of Registrant (include ZIP Code):

Zelam Ltd.
Hudson Rd., PO Box 7142
New Plymouth, New Zealand

~~Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.~~

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is **unconditionally** registered in accordance with FIFRA sec. 3(c)(5). Once a pesticide is registered, however, it is not regarded as permanently acceptable. Registration does not eliminate the need for continual reassessment of pesticides. If the Agency determines that, at any time, additional data are required to maintain in effect an existing registration, the Agency will require submission of such data under FIFRA section (3).

1. You will make the following label changes before you release the product for shipment:
 - a) Revise the EPA Registration Number to read "EPA Reg. No. 72616-8."
2. Per 40 CFR 156.10(a)(6), submit one copy of your final printed labeling before releasing the product for shipment. As defined in 40 CFR 152.3, "final printed labeling" means the "label or labeling of the product when distributed or sold". Clearly legible reproductions or photo reductions will be accepted for unusual labels. Note that a clean copy of the master label in most cases does not meet the definition of final printed labeling. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing amended labeling constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records.

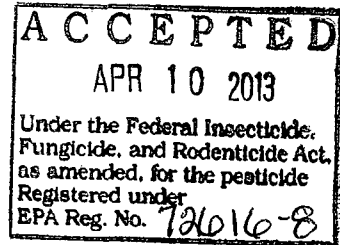
If you have any questions regarding this action, please contact BeWanda Alexander at www.alexander.bewanda@epa.gov or (703) 305-7460.

Signature of Approving Official:
BeWanda Alexander for
Richard Gebken Product Manager
Insecticide Branch/Registration Division (7505P)

Date:
April 10, 2013

Enclosure

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Revised 04/10/2013

PERMATEK™ 100 ENCAPS

Timber Insecticide
For the protection of timber and timber based products from damage
by borers and termites

ACTIVE INGREDIENT:	
Bifenthrin.....	10.00%
OTHER INGREDIENTS:.....	90.00%
TOTAL	100.00%

KEEP OUT OF REACH OF CHILDREN WARNING

See side panel for additional precautionary statements.

FIRST AID	
If swallowed:	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Do not give anything by mouth to an unconscious person.
If inhaled	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. • Call a poison control center or doctor for further treatment advice.
If on skin or clothing:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15 to 20 minutes. • Call a poison control center or doctor for treatment advice.
If in eyes:	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
<p>Have the product container or label with you when calling a poison control center or doctor or going for treatment. For emergency information on Permatak™100 Encaps, call the National Pesticides Information Center at 1-800-858-7378, 6:30 AM to 4:30 PM Pacific time (PT), seven days a week. During other times, call the poison control center 1-800-222-1222.</p>	
<p>Note to Physician: This product is a pyrethroid. If large amounts have been ingested, the stomach and intestine should be evacuated. Treatment is symptomatic and supportive. Digestible fats, oils, or alcohol may increase absorption and should be avoided.</p>	

Zelam Ltd.
Tapuae Partnership
Hudson Road
New Plymouth, New Zealand
www.zelam.com

EPA Reg. No. 72616-

EPA Est. No. 72616-NZL-001

NET CONTENTS: _____ GALLONS

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING

May be fatal if swallowed. Avoid contact with skin, eyes or clothing. Avoid breathing spray mist. Wash thoroughly with soap and water after handling and before eating, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing.

Personal Protective Equipment (PPE)

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category B on an EPA chemical-resistance category selection chart.

Applicators and other handlers must wear:

- Long sleeved shirt and long pants,
- Shoes plus socks, and
- Chemical resistant gloves, such as butyl rubber or barrier laminate when mixing/loading or when applying using handheld equipment or handheld nozzles.

Follow the manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

User Safety Recommendations

Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This product is extremely toxic to fish and aquatic invertebrates. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with 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.

DIRECTIONS FOR USE

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

For Industrial or Commercial Use Only.

Ensure that the spray unit is correctly maintained and that an effective mist extraction system is used. Treated timber must not come into contact with foodstuffs, e.g. use in packing cases or places where food is prepared or stored. DO NOT spray directly on exposed food, utensils or food preparation surfaces.

Wood-based Composite Products

Permatek™100 Encaps is for the preservation of wood-based products, such as orientated strand board (OSB), waferboard, fiberboard and particleboard when it is important to prevent insect attack on the composite product. Composite wood treated with Permatek™100 Encaps does not change in appearance and may be painted when dry.

Permatek™100 Encaps may be applied into a wood composite through a number of methods, including:

- a) Metering Permatek™100 Encaps into the dried wood flakes, fibers, etc. immediately before the blender. Permatek™100 Encaps is then mixed with flakes in the blender. Determine how much flakes/fibers are required to manufacture a cubic yard of composite product and dose Permatek™100 Encaps onto the flakes/fibers accordingly.
- b) Mixing Permatek™100 Encaps with the wood flakes in the blender. Determine how much flakes are required to manufacture a cubic yard of composite product and dose Permatek™100 Encaps into the blender accordingly.
- c) Mixing Permatek™100 Encaps with the adhesive or wax which is subsequently applied to the flakes in the blender. Determine how much adhesive or wax is used to manufacture a cubic yard of composite product and dose Permatek™100 Encaps into the adhesive or wax accordingly.
- d) Applying Permatek™100 Encaps to the exterior of composite products after manufacture. A penetrating agent will aid treatment. Determine the uptake of the desired diluent (e.g. water) and dose the Permatek™100 Encaps accordingly.

The method of incorporation of Permatek™100 Encaps will depend on the specific manufacturing process and the wood species for the composite. The use level is 0.4 pints to 1.2 pints Permatek™100 Encaps per cubic yard of composite product.

Important - contact your supplier prior to the dosing of Permatek™100 Encaps to ensure the correct use concentration and treating method for the desired wood product and end use market.

Wood-based Veneer Products

For the treatment of plywood and LVL, Permatek™100 Encaps may be used to treat the veneers before lay-up by dipping, rolling or spraying. If sprayed, apply as a coarse spray. Alternatively, Permatek™100 Encaps may be added to the adhesive prior to application to the veneers.

When treating softwood veneer based products, the suggested use level is 0.4 pints to 1.6 pints of Permatek™100 Encaps per cubic yard of wood product.

When treating, some adjustment of use rate may be needed because of the effects of processing conditions.

Important - contact your supplier prior to the dosing of Permatek™100 Encaps to ensure the correct use concentration and treating method for the desired wood product and end use market.

Millwork and Construction Lumber

For the treatment of millwork and construction lumber, Permatek™100 Encaps may be used to treat all exposed surfaces by brushing, spraying or dipping. If sprayed, apply as a coarse spray. Apply a 1:20 to 1:40 dilution rate of Permatek™100 Encaps in water or other diluent to all surfaces, ensuring complete coverage. Apply to runoff. The use of a penetrating agent may aid treatment.

Millwork and construction lumber treated with Permatek™100 Encaps does not change in appearance and may be painted when dry.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage, disposal or cleaning of equipment.

Storage: Store in a cool, well-ventilated storage area. Store in original container only in a locked place out of reach of children. Protect from freezing.

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

Container Disposal: Non-refillable container. Do not reuse or refill container.

Residue Removal: Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto the other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling if available, or reconditioning, if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

IMPORTANT: READ BEFORE USE

Read the entire Directions for Use, Conditions of Warranties and Limitation of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following Conditions, Disclaimer or Warranties and Limitation of Liability.

Conditions: The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness of other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Zelam Ltd. All such risks shall be assumed by the user or buyer.

Disclaimer or Warranties: To the extent consistent with applicable law, Zelam Ltd. makes no other warranties, express or implied, of merchantability or of fitness for a particular purpose or otherwise, that extend beyond the statements made on this label. No agent of Zelam Ltd. is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, Zelam Ltd. disclaims any liability whatsoever for special, incidental or consequential damages resulting from the use or handling of this product.

Limitations of Liability: To the extent consistent with applicable law, the exclusive remedy of the user or buyer for any and all losses, injuries or damages resulting from the use or handling of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid or at Zelum Ltd's election, the replacement of product.