



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

EPA Registration  
Number:  
75101-3

Date of Issuance:  
August 15,  
2005

NOTICE OF PESTICIDE:

Registration  
 Reregistration

(Under FIFRA, as amended)

The term of Issuance:  
Conditional

Name of Pesticide Product:  
TANALITH® T Plus

Name and Address of Registrant (include ZIP Code):

koppers Arch Wood Protection (NZ) LTD  
265 James Fletcher Drive  
PO Box 22-148  
Otahuhu, Auckland, NZ

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 conditionally registered in accordance with FIFRA sec 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

2. Make the labeling changes listed below before you release the product for shipment:

a. Revise the "EPA Registration Number to read, "EPA Reg No. 75101-3"

Signature of Approving Official:

Adam Heyward  
Product Manager 34  
Regulatory Management Branch II  
Antimicrobials Division (7510C)

Date:

August 15, 2005

- b. Add the following Personal Protection Equipment (PPE) language to the label:

**Personal Protective Equipment**

Applicators and other handlers must wear:

- Long sleeved shirt and long pants,
- Socks and shoes
- Chemical-resistant gloves (such as: Barrier Laminate, or any of the following gloves at  $\geq 14$  mils thickness: butyl nitrile, neoprene rubber, polyvinyl chloride or Viton).
- Goggles or face shield,

- c. Add the following User Safety Requirements and Recommendations to the label:

"Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions exist for washables, use detergent and hot water. Keep and wash PPE separately from other laundry."

**"User Safety Recommendations"**

"Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet."

"Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing." User should remove personnel protective equipment immediately after handling this product. Wash outside of gloves before removing. As soon as possible wash thoroughly.

- d. Revise the Storage and Disposal statements to read as follows:

**STORAGE AND DISPOSAL**

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

"**PESTICIDE STORAGE:** Store in bulk container in cool, well-ventilated area. Do not store for prolonged periods in direct sunlight. Keep container close except when in use.

"**PESTICIDE DISPOSAL:** Pesticide wastes are . . . Regional Office for guidance."

"**CONTAINER DISPOSAL:** Triple rinse . . . and local authorities."

"**BULK CONTAINERS (TOTE TANKS):** Do not rinse . . . purchase for full refund."

Refer to PR Notice 83-3 for detailed instructions.

3. Submit three (3) copies of your final printed labeling before distributing or selling the product bearing the revised labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Sincerely,



Adam Heyward  
Product Manager 34  
Regulatory Branch II  
Antimicrobials Division (7510C)

Enclosure: [stamped labeling]

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# Tanalith® T Plus

## PERMETHRIN- AND IPBC-BASED LUMBER PRESERVATIVE

For the treatment of lumber (timber) to provide water repellency, protect against attack by borers and termites in above-ground situations, and provide temporary protection against damage to lumber by mold or fungi.

For use only in Australia and New Zealand in approved industrial wood treatment facilities.

Active ingredient:	
Permethrin	0.42%
3-iodo-2-propynyl butylcarbamate (IPBC)	0.71%
Other ingredients:	98.87%
Total	100.00%

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75101-3

### DANGER

**MAY BE FATAL IF SWALLOWED**

**DO NOT BREATHE VAPORS OR SPRAY MIST**

**CONTAINS PETROLEUM DISTILLATE**

**KEEP OUT OF REACH OF CHILDREN**

### FIRST AID

**If swallowed:**

- 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 by a poison control center or doctor.
- Do not give anything to an unconscious person

**If inhaled:**

- 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:**

- Wash affected skin with soap and water.

**If in eyes:**

- Hold eye open and rinse slowly and gently with water for 15-20 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.

**Poison Information Centre Telephone: New Zealand 03 474-7000; Australia 131 126.**

**NOTE TO PHYSICIANS:** Contains petroleum distillate. Aspiration into the lungs may cause pulmonary edema or chemical pneumonitis. Because of risk of aspiration, gastric lavage should only be undertaken after endotracheal intubation. Treat symptomatically and as for exposure to liquid hydrocarbons.

## PRECAUTIONARY STATEMENTS

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### Hazard to Humans and Domestic Animals

**DANGER.** May be fatal if ingested and petroleum distillate in product reaches lungs. Harmful if inhaled. Avoid breathing vapor or spray mist. Avoid contact with skin or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.

### Environmental Hazards

This product is extremely toxic to fish. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes.

### STORAGE AND DISPOSAL:

Store in bulk container in a cool, well-ventilated area. Do not store for prolonged periods in direct sunlight. Keep container closed except when in use.

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.

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

### DIRECTIONS FOR USE:

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

This product may be used only to treat timber or lumber made from pine species native to New Zealand or Australia to provide water repellency and preserve it against damage by wood boring insects, including drywood (*Cryptotermes*) and subterranean *Coptotermes* and *Schedoerinotermes* termites, and to temporarily protect lumber against attack by mold and decay fungi during exposure to rain or damp storage conditions. Use only to treat timber or lumber to be exported from Australia or New Zealand to the United States of America.

Do not use before obtaining technical advice from Koppers Arch Wood Protection NZ Ltd. (in New Zealand) or Koppers Arch Wood Protection (Aust) Pty. Ltd. (in Australia).

Tanalith® T Plus is a ready-to-use product. Do not dilute before use.

For use only in immersion systems that comply with the Plant Design and Plant Operation requirements of the standards set forth in AS/NZS 2843.

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**Wood preparation:**

This product is intended for use to treat lumber that has been sawed and milled to dimension. Wood must be clean and dry before treatment and must have been kiln dried to permit adequate penetration of preservative during treatment.

**Treatment:**

Add undiluted Tanalith® T Plus to a vat or other container of a size that is large enough to allow all lumber that is to be treated at one time to be completely covered by the Tanalith® T Plus. Arrange lumber in such a manner that will allow liquid to contact all surfaces of lumber.

Lumber packs should be immersed in undiluted Tanalith® T Plus for 30 to 60 seconds, followed by a 5 to 10 minute drain time.

Alternatively, lumber packs may be placed in an LOSP treatment plant vessel and flooded for 30 to 60 seconds. The solution should then be drained and a final vacuum of -85 kPa applied for 5 to 15 minutes.

Optimum process parameters should be established by trial in order to achieve fluid uptake of between 12 to 20 liters of Tanalith® T Plus per cubic meter of wood and penetration to a depth of at least 5 millimeters from the surface of the wood.

**Post-treatment:**

After treatment, wood must be held on the drip pad until dripping has stopped, and then conditioned in a ventilated area to remove excess solvent until the wood is completely dry and odor free. Treated wood must not be used or placed where it may contact food or animal feed.

**NET CONTENTS:**

EPA Reg. No. 75101-G

EPA Est. No.

® Tanalith is a registered trademark of Koppers Arch Wood Protection (NZ) Ltd.

**KOPPERS ARCH WOOD PROTECTION (NZ) LIMITED**

Address: 265 James Fletcher Drive / PO Box 22-148, Otohuhu, Auckland, NZ

Telephone: (09) 276 3646

Emergency Telephone: (09) 276-3646

For information in Australia, contact:

**KOPPERS ARCH WOOD PROTECTION (AUST) PTY LIMITED**

Address: 15 Blue Street, North Sydney, NSW, 2060.

Telephone: (02) 9954 5433

Emergency Telephone: (02) 4967 4777 (24 hours)

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