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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460.

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

**September 16, 2008**

Julia Ownbey  
Regulatory Specialist  
**Arch Wood Protection Inc., Agent for  
Arch Wood Protection (NZ) Limited**  
1955 Lake Park Drive, Suite 100  
Smyrna, GA 30080

Subject: **Tanalith® T Plus**  
EPA Registration No. 75101-03  
Application Dated: July 2, 2008  
Receipt Date: July 3, 2008

Dear Ms. Ownbey:

The following amendment, submitted in connection with registration under section of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), is acceptable.

**Proposed Amendment:**

- Updated labeling

**General comments:**

Thank you for submitting this amendment as an electronic application. Please continue to submit your application(s) electronically. Enclosed is an EPA stamped accepted label.

Should you have any questions concerning this letter, please contact me by telephone at (703) 308-6422 or email address at: [heyward.adam@epa.gov](mailto:heyward.adam@epa.gov), or Renae Whitaker telephone at (703) 308-7003 or email address at: [whitaker.renae@epa.gov](mailto:whitaker.renae@epa.gov) during the hours of 8:00 am to 3:30 pm EST. When submitting information or data in response to this letter, a copy of this letter should accompany the submission to facilitate processing.

Sincerely,

A handwritten signature in cursive script, appearing to read "Renae Whitaker".

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

Enclosure: EPA stamped label

# 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	100.0%

**Danger**



**Poison**

**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:**

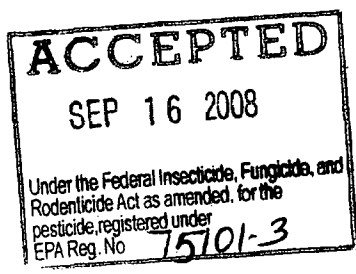
- Wash affected skin with soap and water.

**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**  
**Hazard to Humans and Domestic Animals**  
**DANGER.**

May be fatal if swallowed, absorbed through the skin, or inhaled. May cause irreversible eye damage and skin burns. Prolonged or frequently skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

**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 14 ≥ mils thickness: butyl nitrile, neoprene rubber, polyvinyl chloride or Viton),
- Goggles or face shield.

**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 personal protective equipment immediately after handling this product. Wash outside of gloves before removing. As soon as possible wash thoroughly. Follow manufacturers 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.

**Environmental Hazards**

This pesticide is toxic to fish and aquatic wildlife. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater or rinsate.. This is a nonrefillable container. Do not reuse this container. Offer for recycling if available.

**STORAGE AND DISPOSAL**

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

**PESTICIDE STORAGE:** 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.

**PESTICIDE 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:** Before disposal of empty containers, triple rinse and drain them. Then offer containers for recycling or reconditioning, or puncture and dispose of them in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If disposal is by burning, stay out of smoke.

**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 (*Cryptoterms*) and subterranean (*Coptoterms* and *Schedoerinoterms*) 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 Arch Wood Protection NZ Ltd. (in New Zealand) or 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, spray, or pressure treatment systems that comply with the Plant Design and Plant Operation requirements of the standards set forth in AS/NZS 2843.

**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 away and a final vacuum of -85 kPa for 5 to 15 minutes.

Optimum process parameters should be established by trial in order to achieve fluid uptake of between 12 and 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 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. 75101-03

EPA Establishment No. 075101-NZL-001

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

**ARCH WOOD PROTECTION (NZ) LIMITED**

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Emergency Telephone: (+612) 4967 4777 (24 hours)