U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (7505C)
401 "M" St., S.W.
Washington, D.C. 20460

NOTICE OF PESTICIDE:
_x_ Registration
____ Reregistration

(under FIFRA, as amended)

EPA Reg. Number:	Date of Issuance:
55431-1	JAN 8 1998

Term of Issuance: Conditional

Name of Pesticide Product: Termiticide T/C

Name and Address of Registrant (include ZIP Code):

A-1 Pest, Weed and Termite Control, Inc.
8540 E McDowell Road, Lot 60
Mesa, Arizona 85207

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/reregistration 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 following label change before you release the product for shipment:

   Revise the EPA Registration Number to read, "EPA Reg. No. 55431-1.

3. Revise the statements "Do not treat soil that is water saturated or frozen" and "Do not treat while precipitation is occurring" to read "Do not treat soil that is water saturated or frozen or in any conditions where run-off or movement from the treatment areas (site) is likely to occur."

Signature of Approving Official:	Date:
/s/ Leonard Cole Insecticide-Rodenticide Branch Registration Division (7505C)	JAN 8 1998

EPA Form 8570-6

Submit one (1) copy of the final printed labeling for the record before you release the product for shipment.

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.

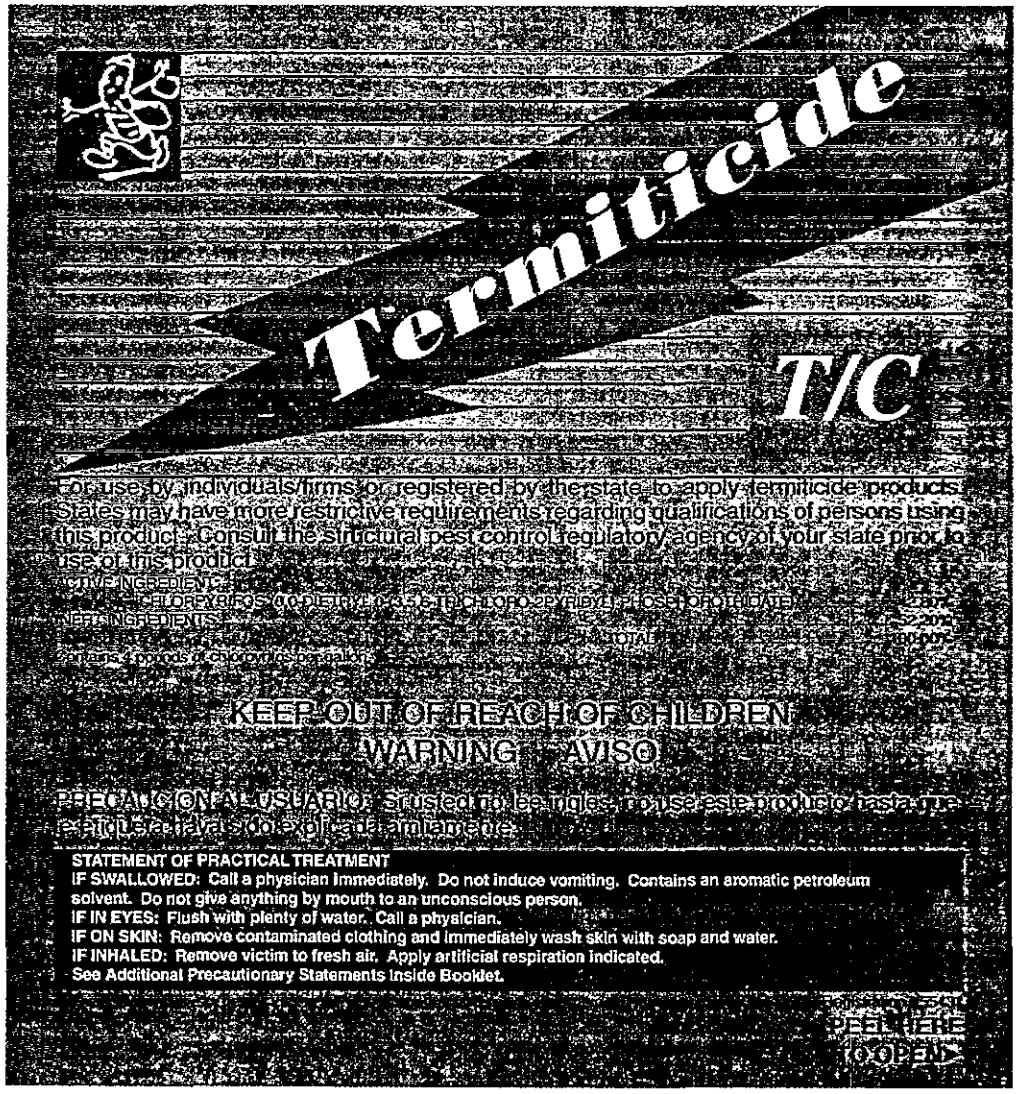
A stamped copy of the label is enclosed for your records.

Sincerely,

/s/

Leonard Cole
Insecticide-Rodenticide Branch
Registration Division (7505C)

Enclosure



ACCEPTED
with COMMENTS
In EPA Letter Dated

JAN 8 1998

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended for the pesticide registered under EPA Reg. No. 55431-1

PRECAUTIONARY STATEMENTS

WARNING Hazards To Humans And Domestic Animals WARNING

May be fatal if swallowed. May be fatal if absorbed through skin or clothing. Do not get in eyes, on skin or clothing. Avoid breathing of vapors. Wash thoroughly after handling. Do not wear contaminated clothing. Keep away from food, feed stuffs and water supplies. NOTE TO PHYSICIAN; Chlorpyrifos is a cholinesterase inhibitor. Treat symptomatically. If exposed, plasma and red blood cell cholinesterase tests may indicate degree of exposure [baseline data are useful]. Atropine, only by injection, is the preferable antidote. Oximes, such as 2-PAM/protopam, may be therapeutic if used early; however, use only in conjunction with atropine. In case of severe acute poisoning, use antidotes immediately after establishing an open airw3ay and respiration.

ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to fish, birds, and other wildlife. Do not apply directly to water. Drift and runoff from treated areas may be hazardous to aquatic organisms in adjacent aquatic sites. Cover or incorporate spills. Do not contaminate water by cleaning of equipment or disposal of equipment washwaters.

PHYSICAL OR CHEMICAL HAZARDS

COMBUSTIBLE! Do not use or store near heat or open flame. Do not cut or weld container.

DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.
STORAGE: Storage below 55 degrees F may result in formation of crystals. If product crystallizes out of solution, store at 72 degrees F to 90 degrees F and agitate to redissolve crystals. PESTICIDE DISPOSAL: Pesticide wastes are toxic. 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 of Enviromental 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.

SAFE HANDLING PROCEDURES

"All pesticide handlers (mixers, loaders, and applicators) must wear long-sleeved coveralls worn over a minimum of short-sleeved shirt and short pants,socks,chemical-resistant footwear,chemical-resistant gloves, and protective eyewear. In addition, all pesticide handlers must wear a respiratory protection device when handling the concentrate or when working in a non-ventilated space." Wear a mask or respirator of a type recommended by NIOSH for filtering spray mists and organic vapors.

SUBTERRANEAN TERMITES

"When treating adjacent to an existing structure, the applicator must check the area to be treated and immediately adjacent areas of the structure for visible and acessible cracks and holes to prevent any leaks or significant exposures to persons occupying the structure. People present or residing in the structure during application must be advised to remove their pets and themselves from the structure if they see any signs of leakage.A fter application, the applicator is required to check for leaks.All leaks resulting in the deposition of termiticide in loactions other than those prescribed on this label must be cleaned up prior to leaving the application site.Do not allow people or pets to contact contaminated areas or to reoccupy contaminated areas of the structure until the clean up is completed."Termicide TC Concentrate for soil treatment is used to establish a barrier which is lethal to termites.The chemical emulsion must be adequately dispersed in the soil to provide a barrier between the wood in the structure and the termite colonies in the soil.It is important that the service technician be familiar with current control practices including trenching,rodding, subslab injection, and low pressure spray applications.These techniques must be correctly employed to prevent or control infestations by subterranean termite species of RETICULITERMES, ZOOTERMOPSIS, and COPTOTERMES .Choice of appropriate procedures includes consideration of such variable factors as the design of the structure, water table, soil type, soil compaction, grade conditions, and the location and type of domestic water supplies.The biology and behavior of the involved termite species are important factors to be known as well as suspected location of the colony and severity of the infestation within the structure to be protected.For advice concerning current control practices for specific local conditions,consult resources in structural pest control.

GENERAL USE PRECAUTIONS

Contamination of public and private water supplies must be avoided by following these precautions:
1. Use anti-backflow equipment or procedures to prevent siphonage of pesticide back into water supplies.
2. Do not treat soil that is water saturated or frozen.
3. Consu lt state and local specifications for recommended distances of treatment areas from wells, and refer to Federal Housing Administration Specifications for further guidance.
'STRUCTURES WITH WELLS/CISTERNS INSIDE FOUNDATIONS
Structures that contain wells or cisterns within the foundation of a structure may be treated provided the following conditions are met:
1. Do not treat soil while it is beneath or within the foundation or along the exterior perimeter of a structure that contains a well or cistern. The treated backfill method may be used if soil is removed and treated outside/away from the foundation.The treated backfill technique is described as follows:
(a) trench and remove soil to be treated onto heavy plastic sheeting or similar material or onto a wheelbarrow.
(b)treat the soil at the rate of 4 gallons of dilute emulsion per 10 linear feet per foot of depth of the trench, or 1 gallon per 1.0 cubic feet of soil.(Determination Guidelines)An initial treatment using 0.75-1.0% dilution will provide effective optimum long term residual control.Mix thoroughly into the soil taking care to contain the liquid and prevent runoff or spillage.
(c) After the treated soil has absorbed the diluted emulsion, replace the soil into the trench.
2. Infested and/or damaged wood in place may be treated using an injection technique such as described in the "Control of Wood Infesting Insects" section of this label.

All nonessential wood and cellulose containing materials, including scrap wood and form boards, should be removed from around foundation walls, crawl spaces, and porches. This does not include existing structural soil contact wood that either has been or needs to be treated.

RATE DETERMINATION GUIDELINES

Consult the local extension agent or state entomologist for application rate recommendations.
An initial treatment using 0.75-1.0% dilution will provide effective, optimum long term residual control.
The 0.75% rate may also be used when making follow-up or spot treatments with no reinspection restrictions.
A 2.0% dilution may be used to protect utility poles and fence posts.

DILUTION DIRECTIONS

TERMICIDE T/C

GALLONS OF FINISHED DILUTION DESIRED

	0.5%	0.75%	1.0%	2.0%
1 GALLON	3/4FL.OZ.	1-FL.OZ.	1-1/2FL.OZ.	2-1/3FL.OZ.
5-GALLONS	3-1/2	5.0	6-3/4	13-1/3
10GALLONS	6-3/4	10	13-1/3	26-3/4
25 GALLONS	16	24	1QT.	1/2GAL
50 GALLONS	1QT.	1-1/2QT.	1/2GAL.	1GAL.
98 GALLONS	1/2GAL.	1GAL.	1-1/2GAL.	2GAL.

STRUCTURES WITH ADJACENT WELLS/CISTERNS AND /OR OTHER WATER BODIES

Contamination of public or private water supplies (e.g. wells or cisterns), surface ponds, streams, and other bodies of water must be avoided. Therefore, structures with nearby water sources must be inspected and all treatment options evaluated prior to making an application. Structures with adjacent wells/cisterns and/or other water bodies may be treated provided the following conditions are met:

(1) Prior to treatment, if feasible, expose the water pipe(s) coming from the well to the structure, if they enter the structure within 3 feet of grade.

(2) To avoid applying termiticide directly into subsurface drainage which could empty into adjacent bodies of water, do not automatically apply termiticides to the top of the footer on the side of the house nearest the water. In such situations, the applicator must limit the depth of treatment sufficient to avoid contamination of the subsurface drain. Factors such as depth to the drain system and soil type and degree of compaction should be taken into account in determining the depth of treatment.

(3) When appropriate (i.e., on the water side of the structure),the treated backfill technique (described above) can also be used to minimize off-site movement of termiticide."

PLUGGING OF HOLES

" ALL holes into which material has been applied must be plugged" "Plugs should be of a non-cellulose material or covered by an impervious, non-cellulose material."

MIXING DIRECTIONS FOR SUBTERRANEAN TERMITES

It is important that the termiticide dilution be uniformly mixed in the spray tank before beginning the treatment. Once mixed, Termiticide TC Concentrate will not settle out in the tank although the initial mixing will be enhanced by agitation, circulation through the treating hose, and the filling process.

1. Fill tank 1/4 to 1/3 full.
2. Start pump;to begin by-pass agitation and place end of treating tool in tank to allow circulation through hose.
3. Shake vigorously before adding Termiticide TC into tank.
4. Add appropriate amount of Termiticide TC Concentrate.
5. Add remaining amount of water.
6. Let pump run and allow recirculation through the hose for 2 to 3 minutes.

" Mix the termiticide use dilution in the following manner:

To prepare a 0.75% water emulsion, ready for use, dilute 1 gallons of Termiticide TC with 98 gallons of water. To prepare a 1.0% (for labels with more than one rate) water emulsion, ready for use, dilute 1 1/2gallons of Termiticide TC with 98 gallons of water. To prepare a 2.0% water emulsion, ready for use, dilute 2 gallons of Termiticide TC to 98 gallons of water. For termite control operations requiring smaller volumes use 3/4 fluid ounces of Termiticide TC per gallon of water to achieve a 0.5% concentration.

APPLICATION VOLUME

" DO NOT TREAT SOIL THAT IS WATER SATURATED OR FROZEN.

To provide maximum control and protection against termite infestation it is important to apply the specified volume of the finished water emulsion and active ingredient as set forth in the directions for use section of this label. If soil will not accept the labeled application volume, the volume may be reduced provided there is a corresponding increase in concentration so that the amount of active ingredient applied to the soil remains the same. NOTE: Large reductions of application volume reduce the ability to obtain a continuous barrier. Variance is allowed when volume and concentration are consistent with label directed rates and a continuous barrier can still be achieved."

PRECONSTRUCTION SUBTERRANEAN TERMITE TREATMENT

"Prior to each application, applicators must notify the general contractor, construction superintendent, or similar responsible party, of the intended termiticide application and intended sites of application and instruct the responsible person to notify construction workers and other individuals to leave the area to be treated during application and until the termiticide is absorbed into the soil.

DO NOT APPLY AT A LOWER DOSAGE, CONCENTRATION, OR FREQUENCY THAN SPECIFIED ON THIS LABEL FOR APPLICATIONS PRIOR TO THE INSTALLATION OF THE FINISHED GRADE.

When treating foundations deeper than 4 feet,applicators should apply the termiticide as the backfill is being replaced.If the construction contractor fails to notify the applicator to permit this,such foundations must be treated to a minimum depth of 4 feet after the backfill has been instaled.The applicator must trench and rod into the trench or trench along the foundation walls and around pillars and other foundation elements,at the rate prescribed from grade to a minimum depth of 4 feet.When the top of the footer to a depth not to exeed the bottom of the footer.However,in no case should a structure be treated below the footer."

Effective preconstruction subterranean termite control requires the establishment of an unbroken vertical and/or horizontal chemical barrier between wood in the structure and the termite colonies in the soil. To meet F.H.A. termite proofing requirements, follow the latest edition of the Housing and Urban Development (H.U.D.) Minimum Property Standards. Follow state and local regulations to meet minimum treatment standards for preventive preconstruction treatments

All holes drilled in construction elements for preconstruction treatments should be securely plugged following application.

See "Rate Determination Guidelines" and Table 1 for dilution directions

1. For horizontal barriers, applications shall be made using a low pressure spray after grading is completed and prior to the pouring of the slab or footing.

a. For a 0.75% rate, apply 1 gallon of dilution per 10 square feet or use 1 fluid ounces of Termiticide TC Concentrate per 10 square feet in sufficient water (not less than 1/2 or more than 2 gallons) to provide thorough and continuous coverage of the area being treated (see "Application Volume" section).

For a 1.0% rate, apply 1 gallon of dilution per 10 square feet, or use 2-1/3 fluid ounces of Termiticide TC Concentrate per 10 square feet in sufficient water (no less than 1/2 gallon or more than 2 gallons) to provide thorough and continuous coverage of the area being treated (see "Application Volume" section).
If the fill is washed gravel or other coarse material, it is important that a sufficient amount of dilution be used to reach the soil substrate beneath the coarse fill.
b. If concrete slabs cannot be poured over the soil the same day it has been treated, a vapor barrier should be placed over the treated soil to prevent disturbance of the termiticide barrier.
2. For vertical barriers, apply the 0.75-1.0% dilution at a rate of 4 gallons per 10 linear feet per foot of depth. Establish vertical barriers in areas such as around the base of foundations, plumbing lines, backfilled soil against foundation walls and other areas which may warrant more than just a horizontal barrier.
a. Rodding and/or trenching applications should be made to reach the top of the footing. Rod holes should be spaced to provide a continuous barrier.
b. Trenches need not be wider than 6 inches. Treat soil with the dilution as it is being replaced in the trench.
For a 0.75% rate, apply 4 gallons of dilution per 10 linear feet per foot of depth or 8 fluid ounces of Termiticide TC Concentrate per 10 linear feet per foot of depth from grade to top of footing in sufficient water (not less than 2 gallons or more than 8 gallons) to ensure complete coverage.
For a 1.0% rate. apply 4 gallons of dilution per 10 linear feet per foot of depth or 5-1/3 fluid ounces of Termiticide TC Concentrate per 10 linear feet per foot of depth from grade to top of footing in sufficient water (not less than 2 gallons or more than 8 gallons) to ensure complete coverage.

c. TREATMENT OF VOIDS AND HOLLOW BLOCK FOUNDATION

1. Newely constructed buildings may contain rigid foam insulation.

2. 'NOT FOR USE IN VOIDS INSULATED WITH RIGID FOAM.'

3. "Drill and treat voids in multiple masonary elements of the structure extending from the structure to the soil in order to create a continuous treatment barrier in the area to be treated. Apply at the rate of 2 gallons of emulsion per 10 linear feet of footing using a nozzle pressure of less than 25 p.s.i. When using this treatment access holes must be drilled below the sill plate and should be as close as possible to the footing as is practical. Treatment of voids in block or rubble foundation walls must be closely monitored:

Applicators must inspect areas of possible runoff as a precaution against application leakage in the treated areas. Some areas may not be treatable or may require mechanical alteration prior to treatment.

All leaks resulting in the deposition of termiticide in locations other than those prescribed on this label must be cleaned up prior to leaving the application site. Do not allow people or pets to contact contaminated areas or to reoccupy the contaminated areas of the structure until the clean up is completed.

a. ACCESSIBLE CRAWL SPACES

"For crawl spaces, apply vertical termiticide barriers at the rate of 4 gallons of emulsion per 10 linear feet per foot of depth from grade to the top of the footing, or if the footing is more than 4 feet below grade, to a minimum depth of 4 feet. Apply by trenching and rodding into the trench, or trenching. Treat both sides of foundation and around all piers and pipes. Where physical obstructions, such as concrete walkways adjacent to foundation elements, prevent trenching, treatment may be made by rodding alone. When soil type and/or conditions make trenching prohibitive, rodding may be used. When the top of the footing is exposed, the applicator must treat the soil adjacent to the footing to a depth not to exceed the bottom of the footing. Read and follow the mixing and use direction section of label if situations are encountered where the soil wil not accept the full apllication volume.

A. Rod holes and trenches shall not extend below the bottom of the footing.

B. Rod holes shall be spaced so as to achieve a continuous chemical barrier but in no case more than 12 inches apart.

C. Trenches shall be a minimum of 6 inches deep or to the bottom of the footing, whichever is less, and need not be wider than 6 inches. When trenching in sloping (tiered) soil, the trench shall be stepped to ensure adequate distribution and to prevent termiticide from running off. The emulsion must be mixed with the soil as it is replaced in the trench.

D. When treating crawl spaces, turn off the air circulation system of the structure until application has been completed and all termiticide has been absorbed by the soil."

E. Termiticide TC is prohibited from being applied to the entire surface area intended as the crawl.

b. INACCESSIBLE CRAWL SPACES "For inaccessible interior areas, such as areas where there is insufficient clearance between floor joists and ground surfaces to allow operator access, apply one or a combination of the following methods of treatment.

A. Excavate the crawl space so that it is accessible for treatment. This is the preferred method of treatment.

B. To establish a horizontal barrier, apply to the soil surface, 1 gallon of emulsion per 10 sq. ft. overall using a nozzle pressure of less than 25 p.s.i. and a coarse application nozzle (e.g., Delavan Type RD Raindrop, RD-7 or larger, or Spraying Systems Co. 8010LP TeeJet or comparable nozzle). For an area that cannot be reached with the application wand, use one or more extension rods to make the application to the soil. Do not broadcast or powerspray with higher pressures.

C. To establish a horizontal barrier, drill through the foundation wall or through the floor above and treat the soil perimeter at a rate of 1 gallon of emulsion per 10 square feet. Drill spacing must be at intervals not to exceed 16 inches. Many states have smaller intervals so check state regulations which may apply.

D. When treating crawl spaces, turn off the air circulation system of the structure until application has been completed and all termiticide has been absorbed by the soil.

E. Termiticide TC is prohibited from being applied to the entire surface area intended as the crawl.

'WHEN TREATING PLENUMS, TURN OFF THE AIR CIRCULATION SYSTEM OF THE STRUCTURE UNTIL APPLICATION HAS BEEN COMPLETED AND ALL TERMITICIDE HAS BEEN ABSORBED BY THE SOIL."

For plenum type structures which use a sealed underfloor space to circulate heated and/or cooled air throughout the structure, apply the dilution at the rate of 4 gallons per 10 linear feet per foot of depth. Soil adjacent to both sides of foundation walls,supporting piers, plumbing and conducts should be treated by trenching or rodding (where soil conditions permit) to a depth of 6 inches or, if less shallow, to the top of the footing. When conditions will not permit trenching or rodding, surface application adjacent to interior foundation walls may be made but the treated strip shall not exceed a width of 18 inches, horizontally, from the foundation walls, piers or pipes. The surface application should be made at a rate of 1 gallon per 10 square feet as a very coarse spray under low pressure (not to exceed 20 P.S.I. when measured at the treating tool). After soil treatment, a continuous vapor barrier of at least 6 mil polyethylene film or other suitable vapor barrier must be installed on the ground surface over the entire subfloor area and on the inside of the plenum walls, in accordance with the recommended practices for plenum type structures.

POSTCONSTRUCTION TREATMENT

1. TREATMENT OF FOUNDATIONS

Treatment to the top of the footing is sometimes not possible in post-construction soil treatment because of equipment limitations or the inordinate amount of labor involved. Also, termite activity is generally limited to the upper four (4) feet of soil. The following statements should be added to the post-construction soil treatment section of all termiticide labels:

"POST-CONSTRUCTION TREATMENT: For applications made after the final grade is installed, the applicator must trench and rod into the trench or trench along the foundation walls and around pillars and other foundations elements, at the rate prescribed from grade to the top of the footing. When the footing is more than four (4) feet below grade, the applicator must trench and rod intro the trench or trench along the foundation walls at the rate prescribed to a minimum depth of four feet. The actual depth of treatment will vary depending on soil type, degree of compaction, and location of termite activity. When the top of the footing is exposed, the applicator must treat the soil adjacent to the footing to a depth not to exceed the bottom of the footing. However, in no case should a structure be treated below the footing."

Use a 1% emulsion for subterranean termites. Mix 1 gallons of Termiticide TC Concentrate in 98 gallons of water to produce a 1% water emulsion. Postconstruction applications shall be made by injection, rodding, and/or trenching (using low pressure spray). Do not apply emulsion until location of heat or air conditioning ducts, vents, water and sewer lines and electrical conducts are known and identified. Extreme caution must be taken to avoid contamination of these structural elements and airways.

1. For slab on ground contruction apply at the rate of 4 gallons of emulsion per 10 linear feet. Applications may be made by subslab injection and/or trenching. Injectors should not exceed beyond the tops of the footings. Treat along the outside of the foundation and where necessary just beneath the slab along one side of interior partitions and along all cracks and expansion joints.

a. Drill holes in the slab to provide a continuous chemical barrier, not more than 16 inches apart.

b. Where necessary, drill through the foundation walls from the outside and force the emulsion just beneath the slab either along the inside of the foundation or along all the cracks and expansion joints and other critical areas.

C. For shallow foundations, 1 foot or less, dig a narrow trench approximately 6 inches wide along the outside of the foundation walls. Do not dig below the bottom of the foundation. The emulsion should be applied to the trench and the soil at 4 gallons per 10 linear feet as the soil is replaced in the trench. Cover the treated soil with a layer of untreated soil.

d. For foundations deeper than 1 foot follow rates for basements.

E. TREATMENT OF VOIDS AND HOLLOW BLOCK FOUNDATION.

1. Newely constructed buildings may contain rigid foam insulation.

2. "NOT FOR USE IN VOIDS INSULATED WITH RIGID FOAM."

3. "Drill and treat voids in multiple masonary elements of the structure extending from the structure to the soil in order to create a continuous treatment barrier in the area to be treated. Apply at the rate of 2 gallons of emulsion per 10 linear feet of footing using a nozzle pressure of less than 25 p.s.i. When using this treatment access holes must be drilled below the sill plate and should be as c lose as possible to the footing as is practical. Treatment of voids in block or rubble foundation walls must be closely monitored: Applicators must inspect areas of possible runoff as a precaution against application leakage in the treated areas. Some areas may not be treatable or may require mechanical alteration prior to treatmeAll leaks resulting in the deposition of termiticide in locations other than those prescribed on this label must be cleaned up prior to leaving the application site. Do not allow people or pets to contact contaminated areas or to reoccupy the contaminated areas of the structure until the clean up is completed.

4. For basements apply at the rate of 4 gallons of emulsion per 10 linear feet. Where footings are greater than 1 foot of depth from the grade to the bottom of the foundation, application may be made by trenching and/or rodding at the rate of 4 gallons of emulsion per 10 linear feet per foot of depth. Treat outside of foundation walls, and if necessary, beneath the basement floor along inside of foundation walls, along crack in basement floors, along interior load bearing walls, around sewer pipes, conduits , and piers.

5. ACCESSIBLE CRAWL SPACES

"For crawl spaces, apply vertical termiticide barriers at the rate of 4 gallons of emulsion per 10 linear feet per foot of depth from grade to the top of the footing,or if the footing is more than 4 feet below grade,to a minumum depth of 4 feet.Apply by trenching and rodding into the trench,or trenching.Treat both sides of foundation and around all piers and pipes.Where physical obstructions,such as concrete walkways adjacent to foundation elements,prevent trenching, treatment may be made by rodding alone.When soil type and/or conditions make trenching prophitive,rodding may be used.When the top of the footing is exposed,the applicator must treat the soil adjacent to the footing to a depth not to exeed the bottom of the footing.Read and follow the mixing and use direction section of label if situations are encountered where the soil will not accept the full application volume.

A Rod holes and trendhes trenches shall not extend below the bottom of the footing.

B. Rod holes shall be spaced so as to achieve a continuous chemical barrier but in no case more than 12 inches apart.

C. Trenches shall be a minimum of 6 inches deep or to the bottom of the footing, whichever is less, and need not be wider than 6 inches. When trenching in sloping (tiered) soil, the trench shall be stepped to ensure adequate distribution and to prevent termiticide from running off. The emulsion must be mixed with the soil as it is replaced in the trench.

D. When treating crawl spaces, turn off the sir circulation system of the structure until application has been completed and all termiticide has been absorbed by the soil."

E. Termiticide TC is prohibited from being applied to the entire surfqace area intended as the crawl.

6. INACCESSIBLE CRAWL SPACES

"For inaccessible interior areas, such as areas where there is insufficient clearance between floor joists and ground surfaces to allow operator access, apply one or a combination of the following methods of treatment.

A. Excavate the crawl space so that it is accessible for treatment. This is the preferred method of treatment.

B. To establish a horizontal barrier, apply to the soil surfac, 1 gallon of emulsion per 10 sq. ft. overall using a nozzle pressure of less than 25 p.s.i. and a coarse application nozzle (e.g., Delavan Type RD Raindrop, RD-7 or larger, or Spraying Systems Co. 8010LP Teejet or comparable nozzle). For an area that cannot be reached with the application wand, use one or more extension rods to make the application to the soil. Do not broadcast or powerspray with higher pressures.

C. To establish a horizontal barrier, drill through the foundation wall or through the floor above and treat the soil perimeter at a rate of 1 gallon of emulsion per 10 square feet. Drill spacing must be at intervals not to exceed 16 inches. Many states have smaller intervals so check state regulations which may apply.

D. When treating crawl spaces, turn off the air circulation system of the structure until application has been completed and all termiticide has been absorbed by the soil.

E. Termiticide TC is prohibited from being applied to the entire surface area intended as the crawl.

7. PLUGGING OF HOLES

" All holes into which material has been applied must be plugged" "Plugs shouold be of a non-cellulose material or covered by an impervious, non-cellulose material."

8. "WHEN TREATING PLENUMS, TURN OFF THE AIR CIRCULATION SYSTEM OF THE STRUCTURE UNTIL APPLICATION HAS BEEN COMPLETED AND ALL TERMITICIDE HAS BEEN ABSORBED BY THE SOIL."

For plenum type structures which use a sealed underfloor space to circulate heated and/or cooled air throughout the structure, apply the dilution at the rate of 4 gallons per 10 linear feet per foot of depth. Soil adjacent to both sides of foundation walls, supporting piers, plumbing and conducts should be treated by trenching or rodding (where soil conditions

permit) to a depth of 6 inches or, if less shallow, to the top of the footing. When conditions will not permit trenching or rodding, surface application adjacent to interior foundation walls may be made but the treated strip shall not exceed a width of 18 inches, horizontally, from the foundation walls, piers or pipes. The surface application should be made at a rate of 1 gallon per 10 square feet as a very coarse spray under low pressure (not to exceed 20 P.S.I.when measured at the treating tool). After soil treatment, a continuous vapor barrier of at least 6 mil polyethylene film or other suitqable vapor barrier must be installed on the ground surface over the entire subfloor area and on the inside of the plenum walls, in accordance with the recommended practices for plenum type structures.

9. TERMITICIDE TC IS PROHIBITED AND NOT LABELED FOR FOAM TREATMENT IN ANY AREA OF A STRUCTURE.

RETREATMENT

"Retreatment for subterranean termites may be performed only if there is clear evidence of reinfestation of disruption of the barrier due to construction, excavation, or landscaping and/or evidence of the breakdown of the termiticide barrier in the soil. These vulnerable or reinfested areas areas may be retreated in accordance with application techniques described in this products labeling. The timing and type of these retreatments will vary, depending on factors such as termite pressure, soil types, soil conditions and other factors which may reduce the effectiveness of the barrier.

ANNUAL RETREATMENT OF THE STRUCTURE IS PROHIBITED UNLESS THERE IS CLEAR EVIDENCE THAT REINFESTATION OR BARRIER DISRUPTION HAS OCCURRED."

CONTROL OF WOOD INFESTING INSECTS

Dosage and Mixing Instructions:
TERMITICIDE T/C Concentrate is recommended for use as an aqueous emulsion containing 0.5% or 1% TERMITICIDE T/C.

Advisements:
When spraying overhead interior areas of homes,apartment buildings,etc.To the point of runoff,cover all surfaces below the area being sprayed with plastic sheeting or other material which could be disposed of by placing in trash if contamination from dripping occurs.Sprayed surfaces should be avoided until the spray has totally dried.

Contact with treated surfaces should be avoided until spray has dried. Cover or remove exposed foods before treatment. Do not use in structures housing animals which are intended for or which produce products to be used for food purposes. Do not use for above ground control of wood infesting insects in food areas of food handling establishments, restaurants or other areas where food is commercially prepared or processed.

To control wood-infesting beetles such as powderpost beetles (LYCTIDAE), false powder post beetles (BOSTRICHIDAE), death-watch beetles (ANOBIIDAE), old house borers (CERAMBYCIDAE) and ambrosia beetles (SCOLYTIDAE) in homes and other structures, treatment may be applied either as coarse sprays or by brushing the product onto targeted surfaces. Use a sufficient amount of spray to cover the area to the point of wetness but avoid runoff. Use the following guidelines to determine appropriate rates of application:

New Wood- typically less than 10 years of age) apply approximately 1 gallon of dilution per 150 square feet as a coarse spray.

Old Wood- (typically greater than 10 years of age) apply approximately 1 gallon of dilution per 100 square feet as a coarse spray.

TREATMENT DIRECTIONS

For control of carpenter ants in homes and other structures, apply dilution around doors and windows and other places where carpenter ants enter the premises and where they crawl and hide. Also spray into cracks and crevices or through openings or small newly drilled holes into wall voids where these ants or their nests are present. Use a sufficient amount of coarse spray to cover the area to the point of wetness but avoiding runoff.

For control of termites (localized areas of infested wood in structures), apply dilution to voids and channels in damaged wood and in spaces between members of a structure and between wood and foundations where termite infestation is likely to occur. Application may be made to inaccessible areas by drilling, and then injecting the emulsion. Use a sufficent amount of spray to cover the area to the point of wetness but avoiding runoff. Treatment of localized areas is intended to kill workers and winged reproductive forms of termites in the treated areas and to prevent infestations for a temporary period. This type of application is not intended to be a substitute for soil treatment or mechanical alteration to control subterranean termites.

PEST CONTROL ON OUTSIDE SURFACES AND AROUND BUILDINGS

To control ants, bees, carpenter ants, clover mites, cockroaches, crickets, earwigs, hornets, millipedes, scorpions, spiders, ticks, wasps and yellowjackets.

Outside surface: Apply Termiticide T/C Concentrate termiticide as a residual spray to outside surfaces of buildings including porches, window frames, eaves, patios, garages, refuse dum,ps and other areas where pests congregate or have been observed. Treatment may be repeated as needed to maintain effectiveness.

Perimeter sprays: To help prevent infestation of buildings, treat a band of soil and vegetation 6 to 10 feet wide around and adjacent to the building. Also, treat the building foundation to a height of 2 to 3 feet where pests are active and may find entrance. For scorpions, treat or remove accumulations of lumber, firewood, and other materials which serve as insect harborage sites.

Dosage and Mixing Instructions: Use Termiticide T/C Concentrate mixed as a 0.25% to 0.5% dilution as indicated in the following table:

Gallons of Finished Dilution Desired	Termiticide T/C Termite Concentrate Required	
	0.25% Solution	0.5% Solution
1	1/2 fl oz	3/4 fl oz
5	1-1/2 fl oz	3-1/2 fl oz
10	3-1/2 fl oz	6-3/4 fl oz
25	8 fl oz	1/2 qt
50	1/2 qt	1 qt
98	1 qt	1/2 gal

Small amounts of solution mixed at 0.5% to 1.0% termiticide rates remaining in the spray tank can be diluted as indicated in the following table and used to treat surfaces or perimeter areas:

Concentration of Termiticide Dilution	Amount of Water to Add to Each Gallon of Termiticide Dilution to Provide a 0.25% Spray	Amount of Water to Add to Each Gallon of Termiticide Dilution to Provide a 0.5% S pray
0.5%	1 gallon	none
0.75%	2 gallons	0.5 gallons
1.0%	3 gallons	1 gallon

CONDITIONS OF SALE

All statements concerning the use of this product apply only when used as directed.

THE MANUFACTOR MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, CONCERNING THIS PRODUCT OR ITS USE, WHICH EXTEND BEYOND THE DESCRIPTION ON THE LABEL.

Read all directions carefully.