[Decal]

**Group 2B Insecticide**

SPECIMEN

# TERMIDOR® SC

## TERMITICIDE/ INSECTICIDE

**Active Ingredient:**
fipronil: 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[(1,*R*,*S*)-(trifluoromethyl)sulfinyl]-1*H*-pyrazole-3-carbonitrile . . . . . 9.1%
**Other Ingredients:** . . . . . 90.9%
**Total:** . . . . . 100.0%
One gallon of **Termidor® SC Termiticide/Insecticide** contains 0.8 lb of fipronil.

**EPA Reg. No. 7969-210** **EPA Est. No.**

**KEEP OUT OF REACH OF CHILDREN**

## CAUTION/PRECAUCION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

**FOR MEDICAL AND TRANSPORTATION EMERGENCIES ONLY**
**CALL 24 HOURS A DAY**
**1-800-832-HELP (4357)**

**Shake Well**

**Net Contents:**

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

- **For use only by individuals/firms licensed or registered by the state to apply termiticide and/or general pest control products.**
- **DO NOT** use this product for termite, wood-infesting pest, or general pest prevention and/or control indoors, except for label-specified applications.
- **DO NOT** use on golf course turf. May be used for prevention and/or control of termites, wood-infesting pests, or general pests found on/near structures associated with golf courses, but only as specified on this label.
- **DO NOT** use on/in commercial bee hives.
- **DO NOT** use on animal trophies or animal skins.

See inside booklet for additional **Restrictions**, **First Aid**, **Precautionary Statements**, **Directions For Use**, **Conditions of Sale and Warranty**, and state-specific use sites and/or restrictions.

TERMIDOR®

BASF Corporation
26 Davis Drive
Research Triangle Park, NC 27709

BASF
We create chemistry

[Booklet Front Panel]

**TERMIDOR® SC**
**TERMITICIDE/INSECTICIDE**

**For sale to, use and storage only by individuals/firms licensed or registered by the state to apply termiticide and/or general pest control products.**

**Active Ingredient:**

| | |
|---|---|
| fipronil: 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[(1,*R*,*S*)-(trifluoromethyl)sulfinyl]-1*H*-pyrazole-3-carbonitrile | 9.1% |
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## Net Contents:

| FIRST AID | |
|---|---|
| **If swallowed** | • Immediately call a poison control center or doctor.<br>• **DO NOT** induce vomiting unless told to by a poison control center or doctor.<br>• **DO NOT** give any liquid to the person.<br>• **DO NOT** give anything to an unconscious person. |
| **If on skin** | • Take off contaminated clothing.<br>• Rinse skin immediately with plenty of water for 15 to 20 minutes.<br>• Call a poison control center or doctor for treatment advice. |
| **If inhaled** | • Move person to fresh air.<br>• If person is not breathing, call 911 or ambulance; then give artificial respiration, preferably by mouth to mouth, if possible.<br>• Call a poison control center or doctor for treatment advice. |
| **If in eyes** | • Hold eyes 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.<br>• Call a poison control center or doctor for treatment advice. |
| **HOTLINE NUMBER** | |
| Have the product container or label with you when calling a poison control center or doctor, or going for treatment. In case of medical emergency involving this product, call BASF Corporation at 1-800-832-HELP (4357) or dial 911. | |
| **NOTE TO PHYSICIAN:** There is no specific antidote. All treatment should be based on observed signs and symptoms of distress in the patient. Overexposure to materials other than this product may have occurred. In severe cases of over-exposure by oral ingestion, lethargy, muscle tremors, and in extreme cases, possibly convulsions may occur. | |

## Precautionary Statements

### Hazards to Humans and Domestic Animals

**CAUTION.** Harmful if swallowed, absorbed through skin, or inhaled. **DO NOT** get in eyes, on skin, or on clothing. **DO NOT** breathe spray mist.

### Personal Protective Equipment (PPE)

**Applicators and other handlers must wear:**

- Long-sleeved shirt and long pants
- Shoes plus socks
- Waterproof gloves, such as barrier laminate, butyl rubber ≥ 14 mils, nitrile rubber ≥ 14 mils, neoprene rubber ≥ 14 mils, natural rubber* ≥ 14 mils, polyethylene, polyvinyl chloride (PVC) ≥ 14 mils, or viton ≥ 14 mils

* Includes natural rubber blends and laminates

**When working in a non-ventilated space, including but not limited to basements and crawl spaces, all pesticide handlers must wear:**

- A dust/mist filtering respirator which includes a NIOSH approved respirator with any N, R, P, or HE filter or NIOSH approval number prefix TC-84A

**When working in a non-ventilated space, including but not limited to basements and crawl spaces or when applying termiticide by rodding or sub-slab injection, all pesticide handlers must wear:**

- Protective eyewear (goggles, a faceshield, or safety glasses with front, brow, and temple protection)

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

### USER SAFETY RECOMMENDATIONS

**Users should:**

- Wash thoroughly with soap and water after handling. Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- 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

For terrestrial uses, this pesticide is toxic to birds, fish, and aquatic invertebrates. **DO NOT** apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Care must be taken to avoid runoff. **DO NOT** contaminate water by cleaning equipment or disposal of wastes. **DO NOT** contaminate water when disposing of equipment washwater or rinsate.

## Directions For Use

It is a violation of federal law to use this product in a manner inconsistent with its labeling. Read the entire label before using this product.

**Termidor® SC Termiticide/Insecticide** cannot be used to formulate, reformulate, or repackage into any other pesticide product without the written permission of BASF Corporation.

For use only by individuals/firms licensed or registered by the state to apply termiticide and/or general pest control products. States may have more restrictive requirements regarding qualifications of persons using this product. Consult the structural pest control regulatory agency of your state before use of this product.

## STORAGE AND DISPOSAL

**DO NOT** contaminate water, food, or feed by storage or disposal.

### Pesticide Storage

Store unused product in original container only, out of reach of children and animals.

### Pesticide Disposal

To avoid waste, use all material in this container by application according to label directions. If wastes cannot be avoided, offer remaining product to a waste disposal facility or pesticide disposal program (often such programs are run by state or local governments or by industry).

### Container Handling

**Nonrefillable Container. DO NOT** reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying; then offer for recycling, if available, or reconditioning, if appropriate, or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures approved by state and local authorities.

**Triple rinse containers small enough to shake (capacity ≤ 5 gallons) as follows:** Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank, or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

**Pressure rinse as follows:** Empty the remaining contents into application equipment or mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank, or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

### Spills

In case of large-scale spill of this product, call:

- CHEMTREC 1-800-424-9300
- BASF Corporation 1-800-832-HELP (4357)

**Steps to take if this material is released into the environment or spilled:**

- Wear **Personal Protective Equipment (PPE)** and avoid exposure when managing a spill. (See **Precautionary Statements** section of this label for required PPE.)
- Dike and contain the spill with inert material (e.g., sand, earth) and transfer liquid and solid diking material to separate containers for disposal. Small-scale spills of **Termidor® SC Termiticide/Insecticide** finished dilution (that can be cleaned up with a typical spill kit) may be applied to labeled sites.
- Remove contaminated clothing, and wash affected skin areas with soap and water. Wash clothing before reuse.
- Keep spill out of all sewers and open bodies of water.

## Use Directions for Prevention and/or Control of Termites and Other Wood-infesting Pests

### Use Restrictions

- When treating adjacent to an existing structure, the applicator must check the area to be treated, and immediate adjacent areas of the structure, for visible and accessible cracks and holes to prevent any leak or significant exposure to residents, children, other persons, or pets occupying the structure. People present or residing in the structure during application must be advised to remove themselves and pets from the structure if they see any sign of leakage. After application, the applicator must check for leaks. All leaks resulting in the deposition of termiticide in locations other than those prescribed on this label must be cleaned up before leaving the application site. **DO NOT** allow residents, children, other persons, or pets to contact contaminated areas or to reoccupy contaminated areas of the structure until the cleanup is completed.
- Before the applicator drills and treats through concrete structures (e.g., patios, porches, sidewalks, foundation slabs), first determine there are no habitable areas below that could be unintentionally contaminated by the treatment.
- Only protected applicators wearing personal protective equipment, as required by this product label, are allowed to be in the immediate area during application.
- All drill holes, in commonly occupied areas into which product has been applied, must be plugged. Plugs must be of a non-cellulose material or covered by an impervious, non-cellulose material (e.g., Portland cement).
- **DO NOT** apply product until heating/air conditioning ducts, air vents, plumbing pipes, sewer lines, floor drains, heating pipes, and electrical lines/conduits are known and identified. **DO NOT** puncture or contaminate any of these.
- **DO NOT** use this product in voids insulated with rigid foam.
- **DO NOT** treat within a distance of one foot out from the drip line of edible plants.
- **DO NOT** treat fruit-bearing or nut-bearing trees.
- **DO NOT** contaminate public and private water supplies.
- **DO NOT** make treatments while precipitation is occurring.
- **DO NOT** treat soil that is water saturated, or frozen, or in conditions where runoff or movement from the treatment area/site will occur.

- **DO NOT** allow application to enter or runoff into storm drains, drainage ditches, gutters or surface waters.
- **DO NOT** apply directly to sewers or drains, or to any area like a gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur, except as directed by this label.

## Product Information

When used as directed in this label, **Termidor® SC Termiticide/Insecticide** (henceforth referred to as **Termidor SC**), provides effective prevention and/or control of listed termites and other wood-infesting pests. To maximize the potency of **Termidor SC**, apply the finished dilution in continuous treated zone(s) to prevent termites or other wood-infesting pests from infesting the wood to be protected.

**Termidor SC** finished dilution must only be applied by licensed technicians familiar with standard techniques used to prevent and/or control termite and other wood-infesting pests. **Termidor SC** finished dilution is highly effective against a variety of subterranean, arboreal, drywood, and dampwood termites (e.g., *Reticulitermes*, *Coptotermes*, *Heterotermes*, *Nasutitermes*, and *Zootermopsis*), and other wood-infesting pests (e.g., carpenter ants, beetles, borers).

**Termidor SC** is labeled for use at 0.06%, 0.09%, or 0.125% finished dilution. The 0.06% finished dilution should be used for typical prevention and/or control situations. Where severe termite or other wood-infesting pest infestations, problem soils, or problem construction types exist, it is advisable to use 0.09% or 0.125% **Termidor SC** finished dilution, if permitted in the applicable use directions throughout this label. Where permitted within the use directions, **Termidor SC** can be applied as a foam application as directed in the **Foam Applications for Prevention and/or Control of Termites, Wood-infesting Pests, and General Pest Control** section of this label.

### Mixing Instructions

Mix **Termidor SC** in the following manner:

1. Fill tank 1/4 to 1/3 full with water. **NOTE:** Filling hose must be equipped with an anti-backflow device or water flow must include an air gap to protect against back-siphoning.
2. Start pump to begin bypass agitation and place end of treating tool in tank to allow circulation through hose.
3. Add the specified amount of **Termidor SC**. Refer to **Table 1** (0.03% finished dilution), **Table 2** (0.06% finished dilution), **Table 3** (0.09% finished dilution) or **Table 4** (0.125% finished dilution) to determine the specified amounts of **Termidor SC** and water to add to prepare the desired amount of finished dilution.
4. Add remaining amount of water.
5. Let the pump run and allow recirculation through the hose back into the tank until the **Termidor SC** has completely dispersed.

**NOTE:** For tanks pre-filled with water, follow steps 2, 3, and 5 above.

**NOTE:** Recirculation/agitation may not be required for in-line injection or other application systems.

**(Table 1.) 0.03% Termidor SC Finished Dilution**

| **0.03% Termidor SC Finished Dilution** (gals) | **Water** (gals) | **Termidor SC Termiticide** (fl ozs) |
|---|---|---|
| 1 | 1.0 | 0.4 |
| 25 | 24.92 | 10.0 |
| 50 | 49.84 | 20.0 (1 pt + 4 fl ozs) |
| 100 | 99.70 | 39.0 (1 qt + 7 fl ozs) |

**(Table 2.) 0.06% Termidor SC Finished Dilution**

| **0.06% Termidor SC Finished Dilution** (gals) | **Water** (gals) | **Termidor SC Termiticide** (fl ozs) |
|---|---|---|
| 1 | 1.0 | 0.8 |
| 25 | 24.75 | 19.0 (1 pt + 3 fl ozs) |
| 50 | 49.75 | 39.0 (1 qt + 7 fl ozs) |
| 100 | 99.25 | 78.0 (2 qts + 14 fl ozs) |

**(Table 3.) 0.09% Termidor SC Finished Dilution**

| **0.09% Termidor SC Finished Dilution** (gals) | **Water** (gals) | **Termidor SC Termiticide** (fl ozs) |
|---|---|---|
| 1 | 1.0 | 1.2 |
| 25 | 24.75 | 29.0 (1 pt + 13 fl ozs) |
| 50 | 49.75 | 59.0 (1 qt + 27 fl ozs) |
| 100 | 99.0 | 117.0 (3 qts + 21 fl ozs) |

**(Table 4.) 0.125% Termidor SC Finished Dilution**

| **0.125% Termidor SC Finished Dilution** (gals) | **Water** (gals) | **Termidor SC Termiticide** (fl ozs) |
|---|---|---|
| 1 | 1.0 | 1.6 |
| 25 | 24.75 | 39.0 (1 qt + 7 fl ozs) |
| 50 | 49.75 | 78.0 (2 qts + 14 fl ozs) |
| 100 | 98.0 | 156.0 (1 gal + 28 fl ozs) |

## Application Volume

To provide maximum prevention and/or control and protection against termite and other wood-infesting pest infestations, apply the volumes of **Termidor® SC Termiticide/Insecticide** finished dilution specified in the use directions throughout this label.

However, if soil will not accept labeled volumes of **Termidor SC**, twice the concentration of **Termidor SC** may be applied in half the volume of finished dilution. For example, if 0.06% **Termidor SC** cannot be applied to achieve 4 gallons finished dilution per 10 linear feet per foot of depth, then 0.125% **Termidor SC** applied in 2 gallons finished dilution per 10 linear feet per foot of depth may be substituted.

**NOTE:** Large reductions of application volume reduce the ability to obtain a continuous treated zone. Variance is allowed when volume and concentration are consistent with label-directed rates and a continuous treated zone is still achieved. At reduced application volume, it may be necessary for the applicator to drill holes closer than 12 inches apart to create a continuous treated zone.

# Pre-construction Termite Treatments

## Basic Information for Pre-construction Termite Treatments

For pre-construction treatments, up to and including installation of the finished grade:

- **DO NOT** apply at a **LOWER** dosage and/or concentration than 0.06%, 0.09%, or 0.125% for horizontal and vertical treatments.
- **DO NOT** apply at a **LOWER** finished dilution volume than 1.0 to 1.5 gallons per 10 square feet for concrete slabs on ground or in basements (horizontal treated zones).
- **DO NOT** apply at a **LOWER** finished dilution volume than 2 gallons per 10 linear feet per foot of depth for vertical treated zones along the interior and exterior perimeter of foundation walls and around pillars and other foundation elements.

Before each application, applicators must notify the general contractor, construction superintendent, or similar responsible party, of the intended **Termidor SC** finished dilution application and intended sites of application and instruct the responsible person to notify construction workers and other on-site individuals to leave the treatment area and not return until **Termidor SC** finished dilution has been absorbed into the soil.

Pre-construction treatments include treatments made during all phases of construction up to and including installation of the final grade. Effective pre-construction termite prevention and/or control is achieved by establishing thorough and complete horizontal and vertical treated zones.

When trenching, trenches must be a minimum of 6 inches deep (no deeper than the bottom of the footing) and need not be wider than 6 inches. When trenching in sloping (tiered) soil, the trench must be stepped to ensure adequate distribution and to prevent **Termidor SC** finished dilution from running out of the trench. Mix the finished dilution with the soil as it is replaced in the trench.

When treating foundations deeper than 4 feet, apply **Termidor SC** finished dilution as the backfill is being replaced, or, if the construction contractor fails to notify the applicator in sufficient time to permit this, treat the foundation to a minimum depth of 4 feet after the backfill has been installed.

- The applicator must trench and rod into the trench or trench alone along the foundation walls and around pillars and other foundation elements at the rate indicated from grade to a minimum depth of 4 feet.
- 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.
- **DO NOT** treat a structure below the bottom of the footing.

## Concrete Slab on Ground or in Basements (including Monolithic/Floating/Supported Concrete Slabs)

Horizontal treated zone(s) and interior vertical treated zone(s) applications should be made before covering area with the concrete slabs.

**Horizontal Treated Zones**
Apply an overall treatment of 0.06%, 0.09%, or 0.125% **Termidor SC** finished dilution to the entire surface that is to be covered beneath the concrete slab. This includes the slab under the actual living area, plus carports, porches, basement floors, and any extended entrances. Apply at the rate of 1.0 to 1.5 gallons **Termidor SC** finished dilution per 10 square feet. For horizontal treatments around anything that will penetrate the slab (e.g., utility service, plumbing lines), apply **Termidor SC** finished dilution at the rate of 1.0 to 1.5 gallons finished dilution per one square foot. Make these applications using a coarse application nozzle with a nozzle pressure of 25 PSI or less, spraying the dilution evenly and uniformly over the entire area treated.

If the concrete slab is poured before horizontal treatment, **Termidor SC** finished dilution must be used to treat penetrations, joints, bath traps, shower pan drain accesses, etc., as detailed in the **Post-construction Conventional Structural Termite Treatments** section of this label. However, it is advised that complete horizontal treated zones be created before slab pour.

**Vertical Treated Zones**
Apply **Termidor SC** finished dilution at the rate of 1.0 to 1.5 gallons finished dilution per square foot around anything penetrating the slab (e.g., utility services, plumbing lines). Apply 4 gallons of 0.06%, 0.09%, or 0.125% **Termidor SC** finished dilution per 10 linear feet per foot of depth along the interior and exterior perimeter of

foundation walls and around pillars and other foundation elements. Treatments to the exterior perimeter of foundation walls and other exterior foundation elements must only be made after completion of the final exterior grade. Use low-pressure spray (25 PSI or less at the nozzle) to treat soil as it is replaced into the trench.

- Make vertical treatments by trenching and rodding into the trench or by trenching alone from grade to a minimum depth of the top of the footing, or if the footing is more than 4 feet below grade, to a minimum depth of 4 feet. **DO NOT** treat a structure below the bottom of the footing. When rodding from grade or from the bottom of the trench, rod holes must be spaced no wider than 12 inches apart and not extend below the footing.

### Crawl Spaces

For crawl spaces, apply vertical treatments of 0.06%, 0.09%, or 0.125% **Termidor® SC Termiticide/Insecticide** finished dilution at the rate of 4 gallons 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 the foundation and all piers and pipes. Where physical obstructions such as concrete walkways adjacent to foundation elements prevent trenching, make treatment by rodding alone. When soil type and/or conditions make trenching prohibitive, use rodding. When the top of the footing is exposed, the applicator must treat the soil adjacent to the footing to a depth of 4 feet or not to exceed the bottom of the footing. Mix the finished dilution with the soil as it is replaced in the trench.

- **DO NOT** treat a structure below the bottom of the footing. When rodding from grade or from the bottom of the trench, rod holes must be spaced no wider than 12 inches apart and not extend below the bottom of the footing.

### Hollow Block Foundations/Voids

Hollow block foundations or voids in masonry resting atop the footing may be treated to create continuous treatment zones in treatment areas. Drill and treat voids in multiple masonry elements of the structure extending from the structure to the soil to create continuous treatment zones in the treatment area. Drill and treat into voids of masonry elements, if not openly accessible. Apply at the rate of 2 gallons of 0.06%, 0.09%, or 0.125% **Termidor SC** finished dilution per 10 linear feet of footing using a nozzle pressure of 25 PSI or less. When using this treatment, drill access holes below the sill plate and as close as possible to the footing as is practical. Applicators must inspect areas of possible runoff (e.g., voids and blocks, rubble foundation walls) as a precaution against application leakage in the treated areas. Some areas may not be treatable or may require mechanical alteration before treatment.

## Post-construction Conventional Structural Termite Treatments

### Basic Information for Post-construction Conventional Structural Termite Treatments

For post-construction conventional **Termidor SC** applications made after the final grade is installed to protect the structure from termite infestation and/or for controlling existing termite populations, use a 0.06%, 0.09%, or 0.125% **Termidor SC** finished dilution.

The applicator must trench and rod into the trench or trench alone along the foundation walls and around pillars and other foundation elements from grade to the top of the footing. When trenching, trenches must be a minimum of 6 inches deep (no deeper than the bottom of the footing) and need not be wider than 6 inches. When trenching in sloping (tiered) soil, the trench must be stepped to ensure adequate distribution and to prevent **Termidor SC** finished dilution from running out of the trench. Mix the finished dilution with the soil as it is replaced in the trench.

When the footing is more than 4 feet below grade, the applicator has the option to either (1) trench and rod to a minimum depth of 4 feet into the trench along the foundation walls or (2) trench alone along the foundation walls to a minimum depth of 4 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 of 4 feet but not to exceed the bottom of the footing. **DO NOT** treat a structure below the bottom of the footing.

Exterior concrete structures adjoining the foundation (e.g., patios, porches, sidewalks) may be drilled followed by a sub-slab injection treatment of **Termidor SC** finished dilution so as to complete the exterior perimeter treatment zones along the foundation walls. All drill holes in commonly occupied areas into which **Termidor SC** finished dilution has been applied must be plugged. Plugs must be of a non-cellulose material or covered by an impervious, non-cellulose material such as Portland cement.

**DO NOT** apply **Termidor SC** finished dilution until location and type of the following construction elements are known and identified. **DO NOT** puncture any of these during application.

- Electrical lines/conduits
- Heat or air-conditioning ducts and vents
- Water and sewer (or plumbing) lines

### Concrete Slab Over Soil (including Monolithic/Floating/Supported Concrete Slabs)

#### Exterior Perimeter

Apply 4 gallons of 0.06%, 0.09%, or 0.125% **Termidor SC** finished dilution by trenching and rodding into the trench or trenching alone along the foundation per 10 linear feet per

foot of depth, or, if the footing is more than 4 feet below grade, to a minimum depth of 4 feet. Rod holes must be spaced no wider than 12 inches apart and not extend below the bottom of the footing.

**Sub-slab Injection**
Sub-slab injection treatments using a 0.06%, 0.09%, or 0.125% **Termidor® SC Termiticide/Insecticide** finished dilution can be made from the interior of the structure, or, in cases when this is not possible, by drilling through the foundation from the exterior as follows:

- **Vertical Drilling/Injection** - To treat under the slab, drill vertically through the slab along the interior perimeter of the foundation, including the garage. Drill holes along concrete expansion joints, cracks, plumbing, and utility services penetrating the slab. If there is clear evidence of termite activity or damage in an interior partition wall, it may be necessary to drill holes along one side of the slab adjacent to the interior partition wall. All drill holes through the slab must be spaced no wider than 12 inches apart. Apply **Termidor SC** finished dilution to the soil below the slab by injecting through the holes drilled through the slab at the rate of 4 gallons per 10 linear feet per foot of depth. For best results, applications can be made with a lateral-dispersal nozzle.
- **Horizontal Drilling/Rodding/Sub-slab Injection from the Exterior of the Foundation** - Use this technique to treat underneath the slab only when floors or interior design elements do not allow for vertical drilling. Horizontal short-rodding practices can be used to establish a continuous treated zone in the soil closest to the interior of the foundation wall. Drill holes from the exterior of the foundation at an angle which allows **Termidor SC** finished dilution to be deposited below heating ducts, water/sewer lines, and electrical conduits, if present. Horizontal long-rodding practices may only be employed to treat areas underneath the slab not accessible by vertical rodding or horizontal short-rodding. **DO NOT** use long rods exceeding 20 feet. For horizontal rodding applications, drill holes through the foundation must be spaced no wider than 12 inches apart. Inject **Termidor SC** finished dilution into the holes at the rate of 4 gallons per 10 linear feet per foot of depth. These applications can be made with a lateral-dispersal nozzle.
- **Shower Pan Drains** - Soil beneath and adjacent to shower pan drains may be treated. Drill through the slab adjacent to the shower pan drain and apply **Termidor SC** finished dilution by sub-slab injection to the soil below. Foam can be used to maximize dispersion. Multiple access points adjacent to the shower pan drain may be drilled. A directional dispersion tip may be used to enhance treatment of the soil below the shower pan drain. Treat soil with a minimum of 1 gallon, but no more than 4 gallons **Termidor SC** finished dilution per shower pan drain. Horizontal rodding can be used to access and treat the soil associated with the shower pan drain.
- **Bath Traps** - Treat exposed soil or soil covered with tar or similar sealant beneath or around plumbing and/or drainpipe entry areas. Tar or sealant may have to be removed to allow for adequate soil treatment. An access door or inspection portal may be installed if not already present. After inspection and removal of wood/cellulose debris, the soil can be treated by rodding or drenching the soil with **Termidor SC** finished dilution at the rate of 1 to 4 gallons per square foot.

## Structures with French Drains and Sump Pumps

French drains eliminate water at the footing along a foundation perimeter. They are common in hollow block foundation structures to drain water seeping from the exterior perimeter or underneath the foundation. Soil must be dry before applying to sites with French drains. **DO NOT** rod through the slab any closer than 24 inches to the French drain to prevent **Termidor SC** finished dilution seepage and/or damage to the drain or the tiles. **DO NOT** apply **Termidor SC** within 5 feet of the sump pump pit and pump. To prevent drainage/seepage from the block into the drain, **DO NOT** drill through hollow block foundations that border the French drain.

Once French drains have been identified and located, apply a 0.06%, 0.09%, or 0.125% **Termidor SC** finished dilution as follows:

1. Unplug the sump pump. Inspect sump pump pit for water. If no water is present, the treatment can be made provided the sump pump remains unplugged, or
2. if water is in the sump pump pit, unplug the sump pump and remove four cups of water from the sump pump pit. Mark the water level. Wait 10 minutes and check the water level in the sump pump pit again. If the water level has risen, there is too much seepage to perform the treatment at this time. If the water level does not rise, make the treatment provided the sump pump remains unplugged.

During application, check the sump pump pit every few minutes for the presence of **Termidor SC** finished dilution. If detected, stop treatment immediately and remove the contents of the sump pump pit before plugging in the sump pump again. Either apply the removed sump pump pit contents to a labeled site or dispose of the removed contents as directed by this label in the **Pesticide Disposal** section.

**Note:** For structures with French drains located adjacent to the outside of the foundation, refer to the **Structures with Adjacent Wells/Cisterns and/or Other Water Bodies** section of this label.

## Basement Structures

**Exterior Perimeter**
Apply by trenching and rodding into the trench or trenching alone along the exterior foundation perimeter at the rate of 4 gallons of 0.06%, 0.09%, or 0.125% **Termidor SC** finished dilution per 10 linear feet per foot of depth, or if the footing is more than 4 feet below grade, to a minimum depth of 4 feet. Rod holes must be spaced no wider than

12 inches apart. **DO NOT** treat a structure below the bottom of the footing.

**Interior Perimeter**
To treat under the basement floor slab, drill vertically through the slab along the interior perimeter of the foundation. Drill holes along concrete expansion joints, cracks, plumbing, and utility services penetrating the slab. Drill holes along both sides of partition foundation walls. It may be necessary to drill holes along one side of the slab adjacent to a non-foundation interior partition wall if there is clear evidence of termite activity in the wall. All drill holes through the slab must be spaced no wider than 12 inches apart. Inject 0.06%, 0.09%, or 0.125% **Termidor® SC Termiticide/Insecticide** finished dilution into the drill holes at the rate of 4 gallons per 10 linear feet per foot of depth. This application can be made with a lateral-dispersal nozzle.

## Crawl Spaces

**NOTE: Before treatment, turn off any air circulation system that moves air from area(s) to be treated to an untreated interior space of the structure until application has been completed and all Termidor SC finished dilution has been absorbed by the soil.**

**Accessible Crawl Space Construction**
For accessible crawl spaces, apply vertical treatments of 0.06%, 0.09%, or 0.125% **Termidor SC** finished dilution at the rate of 4 gallons 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 alone. Treat both sides of the 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 soil adjacent to the footing to a depth not to exceed the bottom of the footing.

- **DO NOT** treat a structure below the bottom of the footing. When rodding from grade or from the bottom of the trench, rod holes must be spaced no wider than 12 inches apart and not extend below the bottom of the footing.

To prevent standalone (i.e., not associated with foundation elements) termite shelter tube formation between soil and structural members in previously untreated area(s), an overall soil treatment of **Termidor SC** may be applied. Remove all cellulose debris before treatment. Apply at 1.0 to 1.5 gallons of 0.06%, 0.09%, or 0.125% **Termidor SC** finished dilution per 10 square feet to provide uniform treated zones. Apply using a coarse application nozzle with a nozzle pressure of 25 PSI or less.

**Inaccessible Crawl Space Construction**
For inaccessible interior areas (e.g., areas where there is insufficient clearance between floor joists and ground surfaces to allow operator access), excavate, if possible, and treat according to the instructions for accessible crawl spaces. Otherwise, apply one or a combination of the following two methods:

1. To establish treated zones, apply to the soil, wood, and/or structural members at 1.0 to 1.5 gallons of 0.06%, 0.09%, or 0.125% **Termidor SC** finished dilution per 10 square feet using a coarse application nozzle with a nozzle pressure of 25 PSI or less. 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 power spray with high pressure.
2. To establish treated zones, drill through the foundation wall or through the floor above and treat the soil adjacent to the foundation wall and/or soil, wood, and structural members at the rate of 1.0 to 1.5 gallons of 0.06%, 0.09%, or 0.125% **Termidor SC** finished dilution per 10 square feet. Drill spacing must be at intervals no wider than 16 inches apart. Check state regulations; many states have smaller intervals. Soil adjacent to foundation elements may be treated with short-rodding or long-rodding techniques without drilling if access for treatment tool to soil site is available.

## Hollow Block Foundations/Voids

Hollow block foundations or voids in masonry resting atop the footing may be treated. Drill and treat voids in multiple masonry elements of the structure extending from the structure to the soil to create continuous treatment zones in the treatment area. Applicators may drill and treat into voids of masonry elements if not openly accessible. Apply at the rate of 2 gallons of 0.06%, 0.09%, or 0.125% **Termidor SC** finished dilution per 10 linear feet of footing using a nozzle pressure of 25 PSI or less. When using this treatment, drill access holes below the sill plate and as close as possible to the footing as is practical. Applicators must inspect areas of possible runoff (e.g., voids and blocks, rubble foundation walls) as a precaution against application leakage in the treated areas. Some areas may not be treatable or may require mechanical alteration before treatment.

## Treatment of Structures with Wells or Cisterns

- **DO NOT contaminate wells or cisterns.**
- **DO NOT** apply **Termidor SC** finished dilution within 5 feet of any well or cistern.

Soil between 5 and 10 feet from a well or cistern must only be treated by the backfill method described here. Treatment of soil adjacent to water pipes within 3 feet of grade must only be done by the backfill method.

**Backfill Method**

1. Trench and remove soil to be treated and place onto heavy plastic sheeting or similar material or into a wheelbarrow.
2. Treat soil at the rate of 4 gallons 0.06%, 0.09%, or 0.125% **Termidor® SC Termiticide/Insecticide** finished dilution per 10 linear feet per foot of depth of the trench, or 1 gallon per cubic foot of soil. Mix thoroughly into the soil to contain the liquid and prevent runoff or spillage.
3. After the soil has absorbed the **Termidor SC** finished dilution, return the soil into the trench.

## Structures with Adjacent Wells/Cisterns and/or Other Water Bodies

Applicators must inspect all structures near water sources (e.g., wells, cisterns, surface ponds, streams, other bodies of water) and evaluate, at a minimum, the following treatment directions before application of 0.06%, 0.09%, or 0.125% **Termidor SC** finished dilution.

1. Before treatment, if feasible, expose the water pipe(s) coming from the well to the structure if the pipe(s) enter the structure within 3 feet of grade. Treat soil adjacent to the water pipe(s) according to the backfill method described above.
2. Before treatment, applicators are advised to take precautions to limit the risk of applying **Termidor SC** finished dilution into subsurface drains that could empty into bodies of water. Precautions include evaluating whether application to the top of the footing will result in contamination of the subsurface drain. The applicator should take into account factors such as depth to the drain system, soil type, and degree of soil compaction when determining the depth of treatment.
3. When appropriate (e.g., on the water side of the structure), the treated backfill method can also be used to minimize off-site movement of **Termidor SC** finished dilution.

## Plenum Construction

**NOTE: Before treatment, turn off any air circulation system that moves air from area(s) to be treated to an untreated interior space of the structure until application has been completed and all Termidor SC finished dilution has been absorbed by the soil.**

Follow the directions listed in **Accessible Crawl Space Construction**, including instructions for sloping (tiered) soils, when making applications of 0.06%, 0.09%, or 0.125% **Termidor SC** finished dilution to the soil exterior to the foundation walls.

For interior treatment of plenum structures that use a sealed underfloor space to circulate heat and/or cooled air throughout the structure:

1. Ensure the sealing fabric and anything on the sealing fabric is removed to expose no more than 18 inches adjacent to all foundation structures, including foundation walls, interior piers, pipes, and any other structures with soil contact. Follow the preceding instructions for exterior and interior treatment of **Accessible Crawl Space Construction**.
2. After the **Termidor SC** finished dilution has been absorbed by the soil, replace the sealing fabric and anything to be placed on the fabric to its original, pre-treatment position.

# Post-construction Exterior Perimeter/Localized Interior (EP/LI) Structural Termite Treatments*

*** Not approved for use in Louisiana.**

## Basic Information for Post-construction EP/LI Structural Termite Treatments

For post-construction Exterior Perimeter/Localized Interior (EP/LI) **Termidor SC** applications made after the final grade is installed to protect the structure from termite infestation and/or for controlling existing termite populations, use a 0.06%, 0.09%, or 0.125% **Termidor SC** finished dilution.

**Termidor SC** finished dilution can be used to protect structures by following either the use directions in the **Post-construction Conventional Structural Termite Treatments** or the **Post-construction Exterior Perimeter/Localized Interior (EP/LI) Structural Termite Treatments** sections of this label. For structural termite protection, first establish a continuous treated zone along the exterior of the foundation of the structure. Localized interior treatments are also made to areas where known termite activity is observed. If no termite activity is observed on the interior of the structure at treatment time, interior local treatments are not required.

The EP/LI treatment method is designed to be non-invasive to the interior of the structure by applying a continuous treatment along the exterior of the foundation and treating interior areas that show termite activity. It may not be considered a conventional complete treatment. If you have questions regarding this treatment, consult your lead state agency.

Termite activity is defined as one or more of the following infestation conditions:

- Alates (winged termites) have swarmed in the interior of the structure or live termites are found to be active within the structure.
- There is clear evidence of termite activity on or in the structure (e.g., mud tubes, galleries in wood) and live termites.

**DO NOT** apply **Termidor SC** finished dilution as an EP/LI treatment at an application volume or rate less than specified within the **Post-construction Exterior Perimeter/Localized Interior (EP/LI) Structural Termite Treatments** section of this label.

## Exterior Perimeter Treatment

When conducting an exterior perimeter application, **Termidor® SC Termiticide/Insecticide** finished dilution must be applied to provide a continuous treatment zone to prevent termites from infesting the structure. All drill holes in commonly occupied areas into which **Termidor SC** finished dilution has been applied must be plugged. Plugs must be of a non-cellulose material or covered by an impervious, non-cellulose material such as Portland cement.

When trenching, trenches must be a minimum of 6 inches deep (no deeper than the bottom of the footing) and need not be wider than 6 inches. When trenching in sloping (tiered) soil, the trench must be stepped to ensure adequate distribution and to prevent **Termidor SC** finished dilution from running out of the trench. Mix the finished dilution with the soil as it is replaced in the trench.

Where physical obstructions (e.g., 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 with rod holes no wider than 12 inches apart. Drilling and sub-slab injection treatment of sub-soil is necessary for exterior concrete structures adjoining the foundation (e.g., patios, porches, sidewalks) to complete the exterior perimeter treatment zone. For driveways, exterior drilling is necessary only around building supports or wall elements that are permanently and physically located at driveway joints. **DO NOT** treat a structure below the bottom of the footing.

**Concrete Slab on Ground (including Monolithic/Floating/Supported Concrete Slabs)**
Apply along the exterior foundation perimeter by trenching and rodding into the trench or trenching alone at the rate of 4 gallons 0.06%, 0.09%, or 0.125% **Termidor SC** finished dilution per 10 linear feet per foot of depth. Rod holes must be spaced to create a continuous treatment zone but no wider than 12 inches apart. **DO NOT** treat a structure below the bottom of the footing.

**Basement and Inaccessible Crawl Space Construction**
For basements, apply along the exterior foundation perimeter by trenching and rodding into the trench or trenching alone at the rate of 4 gallons of 0.06%, 0.09%, or 0.125% **Termidor SC** finished dilution 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. Rod holes must be spaced to create a continuous treatment zone but no wider than 12 inches apart. **DO NOT** treat a structure below the bottom of the footing.

If termite activity is found on the interior of an inaccessible crawl space, the area with termite activity must be treated at a rate of 1.0 to 1.5 gallons of 0.06%, 0.09%, or 0.125% **Termidor SC** finished dilution per 10 square feet. A localized interior treatment must be made at the site of the termite activity and at least 2 feet in both directions from the termite activity. Choose the appropriate application technique for treating inaccessible crawl space construction from the techniques listed earlier in the **Post-construction Conventional Structural Termite Treatments** section of this label. When the top of the footing is exposed, the applicator must treat soil adjacent to the footing to a depth not to exceed the bottom of the footing.

**Accessible Crawl Space Construction**
**NOTE: Before treatment, turn off any air circulation system that moves air from area(s) to be treated to an untreated interior space of the structure until application has been completed and all Termidor SC finished dilution has been absorbed by the soil.**

For accessible crawl spaces, apply vertical treatments of 0.06%, 0.09%, or 0.125% **Termidor SC** finished dilution at the rate of 4 gallons 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. Treat the exterior of the foundation and around all piers and pipes where they touch soil. Where physical obstructions such as concrete walkways adjacent to foundation elements prevent trenching, make treatment by rodding alone. When soil type and/or conditions make trenching prohibitive, use rodding. When the top of the footing is exposed, the applicator must treat soil adjacent to the footing to a depth not to exceed the bottom of the footing.

- **DO NOT** treat a structure below the bottom of the footing. When rodding from grade or from the bottom of the trench, rod holes must be spaced no wider than 12 inches apart and must not extend below the bottom of the footing.

To prevent standalone (i.e., not associated with foundation elements) termite shelter tube formation between soil and structural members in previously untreated area(s), an overall soil treatment of **Termidor SC** may be applied. Remove all cellulose debris before treatment. Apply at 1.0 to 1.5 gallons of 0.06%, 0.09%, or 0.125% **Termidor SC** finished dilution per 10 square feet to provide uniform treated zones. Apply using a coarse application nozzle with nozzle pressure of 25 PSI or less.

**Garages**
Attached garage floors should be treated in structures.

**Sub-slab Injection.** Sub-slab injection treatments using a 0.06%, 0.09%, or 0.125% **Termidor SC** finished dilution can be made from the interior of the garage, or, in cases where this not possible, by drilling through the foundation from the exterior as follows:

- **Vertical Drilling/Injection** - To treat under the slab, drill vertically through the slab along the interior perimeter of the garage foundation. Drill holes can be placed along concrete expansion joints, cracks, plumbing, and utility services penetrating the slab. If there is termite activity or damage in the wall, it may be necessary to drill holes

along one side of the slab adjacent to an interior partition wall. All drill holes through the slab must be spaced no wider than 12 inches apart. Inject 0.06%, 0.09%, or 0.125% **Termidor® SC Termiticide/Insecticide** finished dilution through the holes drilled through the slab at the rate of 4 gallons per 10 linear feet per foot of depth. For best results, make applications with a lateral-dispersal nozzle.

- **Horizontal Drilling/Rodding/Sub-slab Injection from the Exterior of the Garage Foundation** - Use this technique to treat underneath the slab only when floors or interior design elements do not allow for vertical drilling. Horizontal short-rodding practices can be used to establish a continuous treated zone in the soil closest to the interior of the foundation wall. Drill holes from the exterior of the foundation at an angle that allows **Termidor SC** finished dilution to be deposited below heating ducts, water/sewer lines, and electrical conduits, if present. Horizontal long-rodding practices may only be employed to treat areas underneath the slab not accessible by vertical rodding or horizontal short-rodding. **DO NOT** use long rods exceeding 20 feet. For horizontal rodding applications, drill holes through the foundation must be spaced no wider than 12 inches apart. Inject a 0.06%, 0.09%, or 0.125% **Termidor SC** finished dilution into the holes at the rate of 4 gallons per 10 linear feet per foot of depth. These applications can be made with a lateral-dispersal nozzle.

## Localized Interior Treatment

Targeted interior applications may be made to vulnerable areas such as around plumbing/utility lines penetrating floors, shower pan drain, bath traps, or along expansion joints or settlement cracks. However, if known termite activity exists (as described at the beginning of the **Post-construction Exterior Perimeter/Localized Interior (EP/LI) Structural Termite Treatments** section of this label) in areas on the interior of the structure's living spaces (i.e., occupied areas of the structure) or non-living spaces (e.g., crawl spaces, plenums), a localized interior treatment must be made at the site of termite activity and at least 2 feet in two or more directions radiating from the site. All drill holes in commonly occupied areas into which **Termidor SC** finished dilution has been applied must be plugged. Plugs must be of a non-cellulose material or covered by an impervious, non-cellulose material such as Portland cement.

**NOTE:** In conjunction with **Termidor SC** finished dilution localized interior treatments, **Termidor® *DRY* termiticide (EPA Reg. No. 499-546)** may be applied to areas where termite damage is observed or where termite activity is present or suspected. **Termidor *DRY*** may only be applied in accordance with its approved label directions.

**Interior Concrete Floor**
If termite activity occurs in an interior wall or structural member, the area under the floor and behind the wall adjacent to the termite activity must be treated with a 0.06%, 0.09%, or 0.125% **Termidor SC** finished dilution at a rate equal to 4 gallons per 10 linear feet. Foam can be used to maximize dispersion.

**Hollow Block Foundations/Voids**
If termite activity occurs in or in the vicinity (within 2 feet) of hollow block foundations or voids in masonry resting atop footings, the wall adjacent to the termite activity must be drilled if not openly accessible. Inject a 0.06%, 0.09%, or 0.125% **Termidor SC** finished dilution into the void at a rate of 2 gallons per 10 linear feet of footing using a nozzle pressure of 25 PSI or less. This localized interior treatment to hollow block must be made at the site of the termite activity and to areas above the termite activity. Treatment must be made at least 2 feet in two or more directions radiating from the site of termite activity or along the wall pier or support post. Foam can be used to maximize dispersion. When using this treatment, drill access holes below the sill plate and as close to the footing as is practical. Applicators must inspect areas of possible runoff (e.g., voids and blocks, rubble foundation walls) as a precaution against application leakage in the treated areas. Some areas may not be treatable or may require mechanical alteration before treatment.

**Shower Pan Drains**
If termite activity is observed within two feet of a shower pan drain, soil beneath and adjacent to the shower pan drain must be treated. Drill through the slab adjacent to the shower pan drain and apply a 0.06%, 0.09%, or 0.125% **Termidor SC** finished dilution by sub-slab injection to the soil below. Foam can be used to maximize dispersion. Multiple access points may be drilled adjacent to the shower pan drain. A directional dispersion tip may be used to enhance treatment of the soil below the shower pan drain. Treat soil with a minimum of 1 gallon, but no more than 4 gallons, of **Termidor SC** finished dilution per shower pan drain. Horizontal rodding can be used to access and treat soil associated with the shower pan drain.

**Bath Traps**
If termite activity is observed within 2 feet of the bath trap, treat exposed soil or soil covered with tar or similar sealant beneath or around plumbing and/or drain pipe entry areas. Tar or sealant may have to be removed to allow for adequate soil treatment. An access door or inspection portal may be installed if not already present. After inspection and removal of all wood/cellulose debris, soil can be treated by rodding or drenching the soil with 0.06%, 0.09%, or 0.125% **Termidor SC** finished dilution at the rate of 1 to 4 gallons per square foot.

## Use with Other Termiticide Products

## Use with Borate-based Termiticide Products

When a borate-based termiticide product is used as the primary pre-construction termite treatment and is applied according to that termiticide's label directions for use, a 0.06%, 0.09%, or 0.125% **Termidor SC** finished dilution may be applied as an exterior perimeter pre-construction termite treatment. If the exterior perimeter pre-construction termite treatment option is selected, **Termidor SC** finished

dilution must be applied to create a continuous treated zone along the exterior foundation of the structure. A complete and thorough horizontal pre-construction termite treatment with **Termidor® SC Termiticide/Insecticide** finished dilution under the concrete slab is optional. **Termidor SC** finished dilution may also be applied to critical areas of the interior of the structure (e.g., plumbing and utility entry sites, bath traps, shower pan drain penetrations, expansion joints, foundation cracks, outside foundation walls, areas of known or suspected termite activity).

For applications to the exterior perimeter and critical areas, follow instructions in the **Post-construction Exterior Perimeter/Localized Interior (EP/LI) Structural Termite Treatments** section of this label.

## Use with Non-borate-based Termiticide Products

**Termidor SC** finished dilution may be applied as a spot/partial supplemental termite treatment when another registered non-borate-based termite prevention and/or control product/system is used as the primary treatment. These supplemental **Termidor SC** treatments can be made to critical areas of the structure (e.g., plumbing and utility entry sites, bath traps, shower pan drain penetrations, expansion joints, foundation cracks, outside foundation walls, areas of known or suspected termite activity at either pre-construction or post-construction sites) according to **Use Directions for Prevention and/or Control of Termites and Other Wood-infesting Pests** on this label.

# Prevention and/or Control of Wood-infesting Pests

## Above Ground Termites and Carpenter Ants in Localized Areas

**Carpenter ant use in above ground localized areas not registered in California.**

For prevention and/or control of above ground termites and carpenter ants in localized areas, apply 0.06% **Termidor SC** finished dilution (or foam) to:

- Voids and galleries in damaged wood, in spaces between wooden structural members, and between the sill plate and foundation where wood is vulnerable. Applications may also be made to inaccessible areas by drilling and injecting into the structural voids or damaged wood.
- Termite carton nests in structural voids. Application at multiple injection points to varying depths may be necessary. Carton nest material may be removed from structural voids.
- Man-made voids using a coarse fan application (or foam) to control exposed worker and winged reproductive forms of termites or carpenter ants

## Termites or Carpenter Ants in Trees or Nonstructural Wood or Wood-to-soil Contacts

**Carpenter ant use in trees or nonstructural wood or wood-to-ground contacts not registered in California.**

**DO NOT treat fruit-bearing or nut-bearing trees.**

For prevention and/or control of existing or future infestations of termites or carpenter ants in decking and fencing materials, landscape timbers and similar nonstructural wood-to-soil contacts, trees, and utility poles, apply 0.06% **Termidor SC** finished dilution (or foam) by the following methods.

- If possible, locate and treat the interior infested cavity by injection.
- Nonstructural wood-to-soil contacts may be treated as a spot application or continuous treated zone. Apply **Termidor SC** to the soil as a drench or by rodding around the base of the points of soil contact. Rod holes must be placed 3-inches away from soil contact points and spaced no more than 12-inches apart along the perimeter of soil contact points.
- For small poles or posts (i.e., less than 6 inches in diameter), apply 1 gallon of **Termidor SC** finished dilution per foot of depth. For larger poles or posts, apply 4 gallons of **Termidor SC** finished dilution per 10 linear feet per foot of depth.

## Termite Carton Nests in Trees

**DO NOT treat fruit-bearing or nut-bearing trees.**

For control of termite carton nests in trees, inject 0.06%, 0.09%, or 0.125% **Termidor SC** finished dilution (or foam). Application to multiple injection points to varying depths may be necessary. Carton nest material may be removed from tree(s).

In all states **except California**, an application of the **Termidor SC** finished dilution may be applied to soil as a drench or by rodding around the root flare of the tree to prevent reinfestation by termites from the soil. For small trees, (i.e., less than or equal to 6 inches in diameter), apply 1 gallon of **Termidor SC** finished dilution. For larger trees, apply 4 gallons of **Termidor SC** finished dilution per 10 linear feet measured as the circumference at the root flare.

## Drywood Termites and Wood-infesting Beetles or Borers

**Wood-infesting beetle or borer uses not registered in California.**

**NOTE: Before treatment, turn off any air circulation system that moves air from area(s) to be treated to an untreated interior space of the structure until application has been completed and sprays have dried.**

Treat galleries in structural and/or nonstructural elements and structural voids with 0.06% **Termidor SC** finished

dilution using a foam, low-pressure spray (25 PSI or less at the nozzle), or mist.

- Locate galleries using visual signs (e.g., blistered wood, emergence or clean out holes, frass, or pellets), the presence of live insects, mechanical sounding techniques, or listening devices (e.g., acoustic emission detectors, stethoscopes).
- Drill holes to penetrate the gallery system for treatment; distribute drill holes to adequately cover the gallery system.
- It is not necessary to treat to the point where runoff is detected from adjacent holes.
- **DO NOT** apply where electrical shock hazards exist.
- Drill holes must be sealed after treatment.

### Carpenter Bees in Localized Areas

**Carpenter bee use in localized areas not registered in California.**

For control of carpenter bees in localized areas, apply 0.06% **Termidor® SC Termiticide/Insecticide** finished dilution (as a spray, mist, or foam) directly into gallery entrance holes. After application, gallery entrance holes should be plugged.

## Retreatment Instructions

For termite pre-construction, termite post-construction, and prevention and/or control of wood-infesting pests, retreatment can only be performed if there is clear evidence of any of the following:

- Reinfestation or disruption of the treated zone(s) because of construction, excavation, or landscaping; and/or
- Evidence of the breakdown of **Termidor SC**.

These reinfested/disrupted/vulnerable areas may be retreated with spot, partial, or complete treatment(s) using application techniques described in this label. The timing and type of these retreatments will vary depending on factors such as termite or wood-infesting pest pressure, soil types, soil conditions, and other factors that can reduce the effectiveness of the treated zone.

Annual retreatment of the structure is prohibited unless there is clear evidence that reinfestation, treatment-zone disruption, and/or evidence of breakdown has occurred.

## Use Directions for General Pest Control on Structure Exterior Surfaces and Foundation Perimeters

## Use Restrictions

- Structures permitted to be treated: commercial, industrial, institutional, and residential buildings, and utility enclosures.
- **DO NOT** use indoors except for applications into structural voids.
- **DO NOT** make treatments while precipitation is occurring.
- **DO NOT** allow applications to runoff or drip from treated surface.
- Only protected applicators wearing personal protective equipment (PPE), as required by this product label, are allowed to be in the immediate area during application.
- **DO NOT** allow residents, children, other persons, or pets into the immediate area during application and until sprays have dried.
- After application, the applicator must check for deposition of treatment finished dilution in locations other than those prescribed on this label. If found, finished dilution must be cleaned up before leaving the application site. **DO NOT** allow residents, children, other persons, or pets to contact contaminated areas or to reoccupy contaminated areas of the structure until cleanup is completed.
- **DO NOT** treat within a distance of one foot out from edible plants.
- **DO NOT** contaminate water, food, or feed. Cover or remove all exposed food, feed, and drinking water.
- **DO NOT** contaminate public and private water supplies.
- **DO NOT** apply within 15 feet of fresh water bodies (e.g., lakes, reservoirs, rivers, permanent streams, marshes, natural ponds, commercial fish ponds). A 15-foot buffer of uniform groundcover must exist between the application area and fresh water bodies. **NOTE:** Uniform ground cover is defined as land which supports vegetation of greater than 2 inches in height throughout.
- **DO NOT** apply within 60 feet of estuarine water bodies. Estuarine water bodies are brackish or tidal water bodies (e.g., bays, mouths of rivers, salt marshes, lagoons).
- Doors and windows adjacent to surfaces to be treated must be closed during application.
- **DO NOT** apply to wasp or hornet nests if they are not attached to the structure exterior or inside structural voids.
- **DO NOT** directly spray air conditioning units or air intake vents.
- **DO NOT** apply to playground equipment and pet quarters.
- **DO NOT** apply to boat houses, including their piers or pilings.
- **DO NOT** use in a spray tank with borate contaminants.

### Additional California Specific Use Restrictions

- **DO NOT** apply to garage doors, driveway, vertical surfaces above the driveway or garage door, or to cracks and crevices leading or adjacent to the driveway such as the expansion joint between garage and driveway.
- **Only** use of the 0.03% **Termidor SC** finished dilution is permitted.
- **DO NOT** apply more than 4 times per year.
- **DO NOT** re-apply at intervals less than 60 days.
- For foundation exterior perimeter treatments, apply **Termidor SC** finished dilution as a low-pressure (25 PSI or less at the nozzle) coarse general surface spray along the foundation exterior perimeter to an area six inches up and six inches out from where the ground meets the foundation.

*(continued)*

## Additional California Specific Use Restrictions *(continued)*

- **DO NOT** apply spray bandwidth at greater than 6 inches out or up from where the foundation meets the ground.
- **DO NOT** make application on any date between November 1 and February 28.

## Product Information

When used as directed in this label, **Termidor® SC Termiticide/Insecticide** will kill and provide residual control of the following pests:

- ants (acrobat, Argentine, big-headed, carpenter, crazy, odorous, pavement, pharaoh, thief)

Additionally, **Termidor SC** will kill the following pests:

- beetles (Asian lady, darkling)
- bugs (box-elder, pill)
- centipedes
- cockroaches (Australian, Oriental, smokey brown)
- crickets, house
- earwigs, European
- flies, cluster
- millipedes
- silverfish
- spiders (black widow, brown recluse, cellar, hobo)
- ticks, brown dog
- wasps, paper*
- yellow jackets

* **Termidor SC** is not a knockdown agent.

### Mixing Instructions

Mix **Termidor SC** in the following manner:

1. Fill tank 1/4 to 1/3 full with water. Filling hose must be equipped with an anti-backflow device or water flow must include an air gap to protect against back-siphoning.
2. To prepare 1 gallon of a 0.06% (or 0.03%) finished dilution, add 0.8 fl oz (or 0.4 fl oz) of **Termidor SC** to the treatment tank.
3. While agitating, add the remaining amount of water to make 1 gallon.
4. Continue to agitate while treating.

### Application Rates

**(Table 5.) Maximum Termidor SC Finished Dilution Rate and Application Frequency***

| | | |
|---|---|---|
| 0.03%<br>4 times/<br>calendar year | 0.06%<br>2 times/<br>calendar year† | 0.03%<br>2 times/calendar year<br>and<br>0.06%<br>1 time/calendar year† |

*In California, **ONLY** the 0.03% dilution may be applied (see **Mixing Instructions** above or **Table 1**).
†Not for use in California.

## Applications to Exterior Surfaces of Structures and/or into Structural Voids

In California, only the 0.03% **Termidor SC** finished dilution applied up to 4 times per calendar year is permitted and reapplication intervals less than 60 days are prohibited.

Apply **Termidor SC** finished dilution (or foam) where listed pests: enter the structure, crawl and hide or trail, or where their nests are found. Using a low-pressure (25 PSI or less at the nozzle) coarse banded surface spray, treat up to an 18-inch wide band around doors, pipes, vents, windows, or any other exterior openings. Treat with a crack-and-crevice injection tip at drilled holes or foundation cracks where listed pests can enter the structure. Treat the joint where exterior siding (e.g., aluminum, vinyl, wood, or any similar material) meets the block, brick, or cement foundation. Treat areas where any wires (e.g., cable, electrical, telephone) enter the house. **Termidor SC** foam applications may be made to wall voids to kill/control listed pests according to the **Foam Applications for Prevention and/or Control of Termites, Wood-infesting Pests, and General Pest Control** section of this label.

## Applications to Structure Foundation Perimeters

In California, only the 0.03% **Termidor SC** finished dilution applied up to 4 times per calendar year is permitted and reapplication intervals less than 60 days are prohibited.

Apply **Termidor SC** finished dilution as a low-pressure (25 PSI or less at the nozzle) coarse general surface spray along the foundation exterior perimeter to an area one foot up and one foot out (In California apply a maximum of six inches up and six inches out) from where the ground meets the foundation. In California **DO NOT** apply to driveways, garage doors, or vertical surfaces above the driveway or garage door, or to cracks and crevices in those areas such as the expansion joint between garage and driveway. Apply 2 quarts (in California 1 quart) of **Termidor SC** finished dilution per 160 linear feet. (**NOTE:** This is approximately 1.5 gallons finished dilution per 1000 square feet.)

For best results, remove or prune away bushes, shrubbery, and tree branches touching the structure. Vegetation touching the structure may be a route of entry for pests into the structure. This may allow pests to inhabit the structure without coming in contact with the treatment.

## Foam Applications for Prevention and/or Control of Termites, Wood-infesting Pests, and General Pest Control

Construction practices, soil subsidence, and other factors may make it difficult to create a continuous treatment zone. In such situations, conventional liquid application methods can be supplemented by use of foam-generating equipment. Treatment of filled stoops and porches, chimney bases, piers, soil under concrete slabs, block voids, masonry and other veneer voids, and stud walls are examples where foam applications can be useful. Use dry foam (from a range of relatively dry foam of 15:1 to 25:1 to 50:1 expansion ratio) when making foam applications to stud wall voids. Apply foam to structural voids where termites, other wood-infesting pests, or general pests (as listed in this label) or their damage is present or suspected.

For subterranean termites, in some instances, a **foam-only treatment** under slabs is appropriate when trying to maximize horizontal coverage in areas where there is no deep foundation or footing (e.g., around plumbing entries, near settlement cracks in concrete slabs). In areas where both lateral spread and deeper vertical penetration is needed, use both foam and conventional liquid (e.g., adjacent to foundation walls). Foam and conventional liquid applications must be consistent with volume and active ingredient instructions to ensure proper application has been made. The volume and amount of active ingredient are essential for an effective treatment.

- At least 75% of the gallons of **Termidor® SC Termiticide/Insecticide** finished dilution must be applied as a conventional liquid treatment.
- The remaining 25% or less of the gallons of **Termidor SC** is delivered to appropriate locations using foam application.

The total amount of product applied with the combination of **Termidor SC** finished dilution and **Termidor SC** foam must be equivalent to that of an application of liquid **Termidor SC** finished dilution only. In many instances, foam applications are a good supplement to conventional liquid treatments and can be helpful in treating difficult areas.

**Foam Mixing Instructions and Application**
Prepare a 0.06%, 0.09%, or 0.125% **Termidor SC** finished dilution and mix it with the manufacturer's recommended volume of foaming agent in foaming equipment. Apply a sufficient volume of the **Termidor SC** foam formulation to provide a continuous treated zone at the labeled rate for specific application situation (refer to rates specified for the various treatment types listed in this label). If sufficient foam volume cannot be applied to achieve the rate, apply additional **Termidor SC** as liquid to assure proper treatment volume in the treated area.

**(Table 6.) Termidor SC Foam Mixing Directions**

| **0.06%, 0.09%, or 0.125%† Termidor SC Finished Dilution** (gals) | **Foam Expansion Ratio††** | **Finished Foam** (gals) |
|---|---|---|
| 1.0 | 25:1 | 25 |
| 1.66 | 15:1 | |
| 2.5 | 10:1 | |
| 5.0 | 5:1 | |

† Percentage weight of active ingredient to weight of finished dilution
†† Add the manufacturer's recommended quantity of foam agent to the **Termidor SC** finished dilution.

## Conditions of Sale and Warranty

The **Directions For Use** of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and must be followed carefully. However, it is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or use of the product in a manner inconsistent with its labeling, all of which are beyond the control of BASF CORPORATION ("BASF") or the Seller. To the extent consistent with applicable law, all such risks shall be assumed by the Buyer.

BASF warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions For Use**, subject to the inherent risks, referred to above.

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007969-00210.20170810.**NVA 2017-04-220-0128**
Based on: NVA 2016-04-220-0276
Supersedes: NVA 2015-04-220-0154

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