- 2. To produce a vertical barrier, apply the emulsion at the rate of 4 gallons per 10 linear feet per foot of depth.
  - a. Rodding and/or trenching applications should not be made below the top of the footing.
  - b. Trench need not be wider than 6 inches.

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- c. Rod holes should extend from the base of the trench to the top of the footing, and should be spaced (about a foot) to provide a continuous barrier.
- d. Emulsion should be mixed with the soil as it is being replaced in the trench. Cover treated soil with a layer of untreated soil, or other suitable barrier such as polyethylene sheeting.
- 3. Hollow block foundations or voids of masonry should be treated to make a continuous chemical barrier in voids. Apply at the rate of 2 gallons of emulsion per 10 linear feet so it will reach the footing.
- 4. For crawl spaces apply at the rate of 4 gallons of emulsion per 10 linear feet and foot of depth from grade to bottom of foundations. Application may be made by rodding and/or trenching (utilizing low pressure spray). Treat both sides of foundation and around all piers and pipes.
  - a. Rod holes should be spaced (about 1 foot) to provide a continuous chemical barrier.
  - b. Trench need not be wider than 6 inches nor <u>below</u> the foundation. The emulsion should be mixed with the soil as it is being replaced in the trench. Cover the treated soil with a layer of untreated soil or other suitable barrier such as polyethylene sheeting.

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## RIGHT PANEL

#### POSTCONSTRUCTION TREATMENTS

Use a 1% emulsion for subterranean termites. Mix 1 gallon of Residex Chlordane 8 Lb. Emulsion Concentrate in 99 gallons of water to product 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 sever lines and electrical conduits are known and identified. Extreme caution must be taken to avoid contamination of these structural elements and airways.

- 1. For slab-on-ground construction apply at the rate of 4 gallons of emulsion per 10 linear feet. Applications may be made by sub-slab injection and/or trenching. Injectors should not extend beyond the tops of the footings. Treat along the outside of the foundation and where necessary just beneath the slab on the inside of foundation walls. Treatment may also be required just beneath the slab along one side of interior partitions and along all cracks and expansion joints.
  - a. Drill holes about 12 to 36 inches apart in the slab to provide a continuous chemical barrier.
  - 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 six 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.
- 2. Hollow block foundations or voids of masonry should be treated to make a continuous chemical barrier in voids. Apply at the rate of 2 gallons of emulsion per 10 linear feet.
- 3. 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 floot along inside of foundation walls, along cracks in basement floors, along interior load bearing walls, round sewer pipes, conduits, and piers:

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#### RIGHT P.WEL (cont'd)

- 4. In crawl spaces apply at the rate of 4 gallons of emulsion per 10 linear feet per foot of depth from grade to bottom of 1 undation. Application may be made by rodding and/or trenching (utilizing low pressure spray). Treat both sides of foundation and around all piers and pipes.
  - a. Rod holes should be spaced (about 1 foot) to provide a continuous chemical barrier.
  - b. Trench need not be wider than 6 inches nor <u>below</u> the foundation. The emulsion should be mixed with the soil as it is replaced in the trench. Cover the treated soil with a layer of untreated soil or other suitable barrier such as polethylene sheeting.
  - c. For inaccessible crawl spaces, treat soil by an alternate method such as drilling and rodding through foundation walls from the outside.
- 5. Where it is desired, wood impregnation may be accomplished by techniques such as wood injection, treating galleries, tubing, nests or other places where termites may be hiding. Injection may be accomplished by inserting or driving a tapered harmer head treating tool or inserting needle nozzles into such sites. Do not apply beyond the point of runoff. Close all treatment holes.

All treatment holes drilled in construction elements in commonly occupied areas of structures must be securely plugged.

# RETREATMENT RESTRICTIONS

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1. Retreatment for subterranean termites should only be made when there is evidence of re-infestation subsequent to the initial treatment, or there has been a disruption of the chemical barrier in the soil due to construction, excavations, landscaping, etc. Reapplication should be made as a spot treatment to these areas.

Annual retreatment of the entire premises must be avoided.

## STORAGE AND DISPOSAL

PROHIBITION - Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. PESTICIDE DISPOSAL - Pesticide, spray mixture, or rinse water that cannot be used according to label instructions must be disposed of according to... Federal or approved state procedures under Subtitle C of the Pesource Conservation and Recovery Act.

# RIGHT PANEL, (cont'd)

CONTAINER DISPOSAL - Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other approved state and local procedures.

GENERAL - Consult federal, state or local disposal authorities for approved alternative procedures.

# NOTICE:

Because Residex Corporation has no control over storage, handling and conditions of use, which are of critical importance, Residex Corporation makes no representation or warranty, either express or implied for results due to misuse, improper handling or storage of this material, nor does Residex Corporation assume any responsibility for injury to persons, crops, animals, soil or property arising out of misuse, improper handling, or storage of this material.

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## LITT PANEL

#### PRICAUTIONARY STATIMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

# WAR-ING

May be fatal if swallowed. Do not breathe vapor, dust, or spray mist. Do not get in eyes, on skin or clothing. In case of skin contact, wash immediately with soap and water. Avoid contamination of feed and foodstuffs.

# ENVIRON INTAL HAZARDS

This product is toxic to fish, birds, and other wildlife. Keep out of lakes, streams and ponds. Do not contaminate water by cleaning of equipment or disposal of waste. Apply this product only as specified on this label.

#### PHYSICAL OR CHEMICAL HAZARDS

Do not use, pour, spill or store near heat or open flame.

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#### DIRECTIONS FOR USE

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

# SUBTERRANEAN TERMITE CONTROL DIRECTIONS FOR USE ONLY FOR USE AND STORAGE BY COMMERCIAL PEST CONTROL OPERATORS

Chemicals for soil treatment are used to establish a barrier which is repellant 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 necessary for the effective use of this product 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 <u>Reticulitermes</u>, <u>Zootermopsis</u>, <u>Heterotermes</u>, and <u>Coptotermes</u>. Choice of appropriate procedures includes consideration of such variable factors as the design of the structure, existence of air circulation in sub-floor crawl space, 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.

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# HET FREE (cont 'd)

Contamination of public and private water supplies must be avoided by following these precautions: Use anti Eack-flow equipment or procedures to prevent siphonage of pesticide back into water supplies. Do not treat structures that contain disterns or wells within the foundation. Soil around structures with well or distern close to the foundation can be treated as follows: Do Not Apply Under Pressure. Soil should be removed to an area safe from well or domestic water contamination, treated, allowed to stand undistubed for two to four hours then returned to the trench which has been lined with 4 mil. plastic sheeting. Be careful not to puncture plastic sheeting when returning soil to the trench. Do not treat soil that is water saturated or frozen. Consult state and local specifications for recommended distances of treatment areas from wells, and refer to Federal Housing Administration Specifications for further guidance.

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

#### PRECONSTRUCTION SUBTERRAYEAN TERMITE TREATMENT

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 FHA termite proofing requirements, follow the latest edition of the Housing and Urban Development (H.U.D.) Minimum Property Standards.

Use a 1% water emulsion for subterranean termites. Mix 1 gallon of Residex Chlordane 8 Ib. Emulsifiable Concentrate in 99 gallons or water to product a 1% water emulsion.

After grading is completed and prior to the pouring the the slab, slab supported/constructed porches or entrance platforms, make the following treatments. Applications shall be made by a low pressure spray for horizontal barriers over areas intended for covering floors, porches, and other critical areas.

Establish a vertical barrier in areas such as around the base of foundations, plumbing, back-filled soil against foundation walls and other critical areas.

- 1. Where it is necessary to product a horizontal barrier, apply the emulsion at the rate of 1 gallon per 10 square feet to fill dirt. If fill is washed gravel or other coarse material, apply at 15 gallons per 10 square feet. It is important that the emulsion reaches the soil substrate.
  - a. If concrete slabs cannot be poured over soil the same day it has 'been treated, a water-proof cover, such as polyethylene sheeting', should be placed over the soil. This is not necessary if foundation walls have been installed around the treated soil.

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