

MAR 1 1968  
9025 / SUBJECT

"SUB-TER-PUME"

Sub-slab Fumigant For Use With The Patented  
Glenn "SUB-TER-PUME" Method

Controls termites under concrete slab buildings and porches.  
To be used in conjunction with soil treatment of the perimeter  
of the building.

ACTIVE INGREDIENTS: Ethylene Dibromide ..... 93%  
INERT INGREDIENTS ..... 7%  
Total ..... 100%

One gallon contains 12 pounds of ethylene dibromide.  
EPA Registration No.

- CAUTION -

KEEP OUT OF REACH OF CHILDREN HAZARDOUS LIQUID AND VAPOR  
ABSORBED THROUGH SKIN MAY CAUSE BURNS

Harmful by inhalation, swallowing or skin contact. Avoid breathing  
vapor. Do not get in eyes, on skin, or on clothing.  
Do not take internally.

CALL A DOCTOR IN CASE OF ACCIDENT

DIRECTIONS FOR USE

This material is formulated specifically for use with the  
"SUB-TER-PUME" equipment and in accordance with United States  
Patent Number 3,124,893, "Method of Dispensing Fumigant  
Slab Floors", and only by "SUB-TER-PUME" Method  
by persons or firms not so licensed, is positively prohibited,  
as well as re-sale by licensees, of any "SUB-TER-PUME"  
or equipment. Detailed procedural demonstration  
licensee according to the following instructions  
the license agreement. The following instructions  
interpreted as granting a license for use of this  
use of this has:

1. Apply new cement  
and occupied by humans  
which contain air ducts,  
aligned for the application  
of the fumigant.

2. The material should  
be applied to the  
interior of the building  
through the air ducts.

9625-1  
with  
Grommet

Great care must be exercised to avoid spilling the fumigant material on floor surfaces. It is a powerful solvent and will damage asphalt tile before it can be wiped up. It may also stain other types of floor surfaces. The reservoir should be filled outside and drip from the applicator needle must be avoided. If this is done, there is no danger of damage.

Prepare holes in accordance with directions furnished with the "SUB-TER-FUME" equipment. The procedure will vary with the type of material, if any, which covers the concrete slab. Use a  $\frac{1}{4}$ " masonry drill and space the holes as near as possible to eight foot centers in both directions, beginning three feet in from all outside walls. Try not to space holes farther than eight feet nor closer than six feet.

Following preparation of the holes, insert a steel rod of suitable diameter into each hole and force it to a depth of eighteen inches into the earth below the slab, thus providing for better dispersal of the "SUB-TER-FUME" fumigant.

After rodding, insert an elastic grommet furnished with the "SUB-TER-FUME" equipment, into each hole and push it slightly below the level of the top of the slab. A light coating of cup grease will facilitate the insertion of the grommet. The tight fit of the grommet prevents loss of fumigant but still allows for the insertion of the applicator needle through the center of the grommet. Be sure that all holes have been fitted with grommet sealers before commencing application of the fumigant.

Remove the "SUB-TER-FUME" applicator outdoors or to a plain concrete floor area such as the garage to obviate spillage onto the floor covering, and fill reservoir with one gallon of "SUB-TER-FUME" fumigant. Replace the filler cap securely before bringing the applicator into the building. Connect air hose to quick-coupler in filler cap, then insert the 16-gauge needle through the center of the elastic grommet of the first hole to be treated. Tilt the applicator (GENTLY, so the fluid will not surge into air hose) so small metering cylinder is down for several seconds, then return the applicator to the horizontal and wait two or three seconds for the excess to drain back into the reservoir from the small cylinder. One-half pint will be retained in the small cylinder. Open the outlet valve and the pressure in the applicator will force the "SUB-TER-FUME" fumigant into the soil as will be readily seen by watching the transparent plastic hose. After the measured quantity has been injected, allow the air to flow for another few seconds to make sure all fluid is out of the hose, then close the outlet valve, withdraw the needle, insert into the next hole and repeat.

In special situations where structural features force the use of more than eight or less than six foot spacing, proportionately increased or decreased amounts of "SUB-TER-FUME" fumigant may be applied in the following manner. After the metering cylinder has been filled and the applicator returned to the horizontal, raise the metering cylinder end so the applicator is at about 45 degrees with the horizontal and hold for several seconds before lowering. This will retain about one-sixth pint in the metering cylinder and thus provide a means of injecting more or less than a normal charge.

After about fourteen holes are treated, it will be advisable to disconnect the air hose quick-coupler which will release the pressure in the applicator, and remove same outside for refilling. In refilling, remove filler cap and empty all remaining fluid into its bulk container and then repeat the filling procedure as outlined above. This will avoid running short of material if too many holes are treated or overflowing the reservoir if same is not emptied each time before refilling.

After application of the chemical, a wooden dowel of proper diameter and about one inch length is driven into the hole, thus forcing the elastic grommet deeper into the hole. Soaking the dowel in water prior to insertion will result in a tighter fit. The top of the dowel should be flush with the upper level of the concrete slab. The compressed grommet plus the wooden dowel will effectively seal the hole against loss of the chemical.

Procedure from this point on, is a matter of obliterating the signs of drilling and has no connection with the use of the "SUB-TER-FUME" applicator or fumigant. The means of accomplishing this with all types of floor coverings, is part of the instruction program given each licensee.

In addition to the above sub-slab fumigation, it will only be necessary to use conventional perimeter soil treatment with chlordane, aldrin, dieldrin or other acceptable soil poison. No drilling of the concrete blocks or rodding from the outside is necessary, as the sub-slab fumigation and the perimeter soil poisoning, form a complete and long-lasting termite barrier.

It is advisable to duplicate the perimeter soil poisoning each year if permanent subterranean termite prevention is wanted. Otherwise, eventual dispersal and weakening of the ethylene dibromide may allow return of the termites from outside after several years. The establishment and maintenance of an outside barrier, leading down to the perimeter soil poisoning, will help to prevent side re-infestation.

SKULL AND  
CROSSBONES

POISON

SKULL AND  
CROSSBONES

KEEP OUT OF REACH OF CHILDREN

FIRST AID: In case of contact, immediately remove contaminated shoes and clothing and wash skin with soap and water; flush eyes with plenty of water for at least fifteen minutes and get medical attention. Do not wear shoes or clothes until absolutely free of all chemical odor. Wash clothing and air shoes thoroughly before re-use.

If illness results from inhalation, remove to fresh air and call a doctor.

If swallowed, call a doctor; induce vomiting by giving an emetic such as 2 tablespoons of table salt in a glass of warm water.

PRECAUTIONS

Do not store near seeds, plants, fertilizers or other pesticide chemicals. Do not use containers, handling or application equipment made of aluminum, magnesium or their alloys. Store in tightly closed containers in a cool place away from dwellings. In outside storage, store drums on their sides. If subjected to temperatures below 28° F., warm to 50° F. and mix thoroughly.

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Sold by: L. W. GLENN  
Bradenton, Florida  
33505

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