



Specimen Label

Manufactured by:

U.S. Borax Inc., 26877 Tourney Road, Valencia, CA 91355-1847

Emergency phone: (800) 228-5635, x144

For protection and preventative treatment of wood* against decay fungi and wood-destroying insects, and for remedial control of such pests in infested wood.

(*Also for wood-foam composite structural components.)

Only for sale to, use and storage by professional pest control operators.

Active ingredient:

Disodium octaborate tetrahydrate.98%

($\text{Na}_2\text{B}_8\text{O}_{13} \cdot 4\text{H}_2\text{O}$)

Inert ingredient:

(Product contains 2% H_2O - absorbed moisture). . . 2%

EPA Reg. no. 1624-3 EPA Est. 006574-KY-001

Keep out of reach of children

CAUTION

Precautionary statements:

Hazards to humans and domestic animals

Harmful if swallowed. Avoid contact with eyes. Wash thoroughly after handling. Avoid contamination of food and feed. Do not leave container where children or animals may gain access.

Statement of practical treatment

If swallowed, give 1 or 2 glasses of water and seek medical attention or contact a Poison Control Center.

If in eyes, flush with plenty of water. Get medical attention if irritation persists.

If on skin, remove contaminated clothing and wash skin with water.

If inhaled, remove victim to fresh air.

Environmental hazards

Tim-bor or *Tim-bor* solutions carelessly spilled or applied to cropland or growing plants, including trees and shrubs, may kill or seriously retard plant growth. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

Storage and Disposal

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

Storage: Store in a dry place. Do not store where children or animals may gain access.

Pesticide disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container disposal: Completely empty bag into application equipment. Then disposal of empty bag in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Directions for use

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

General information

Tim-bor is a water soluble inorganic borate salt with insecticidal and fungicidal properties effective against wood-destroying organisms, including the target pests listed below. This product can be used for remedial treatment of infested wood, for preventative treatment (before signs of infestations) for wood in existing structures, or for pre-treatment of wood during construction.

Tim-bor is recommended for wood and cellulose materials, in accordance with the specific treatment methods described herein. *Tim-bor* is effective for all interior and exterior wood (and wood-foam composite structural components) that will be protected from excessive rain and not in direct contact with soil. Types of wood include, but are not limited to, all types of lumber, logs, and plywood. This product is toxic to wood-destroying insects, but surface etching of treated wood by target organisms may occur.

Target organisms

Tim-bor is effective for treatment of wood (and wood-foam composite structural components) against decay fungi, including brown (i.e. *Poria*), white, and wet rots and wood-boring insects such as but not limited to the following termites, beetles, and carpenter ants:

Subterranean Termites

Reticulitermes, Heterotermes
Coptotermes (Formosan)

Drywood Termites

Kaloterms, Incisitermes

Dampwood Termites

Zootermopsis

Carpenter Ants

Camponotus

PowderPost Beetles

Lyctidae

"False" PowderPost Beetles

Bostrichidae

**Furniture and
Deathwatch Beetles**

Anobiidae

**Old House Borers,
Longhorn Beetles**

Cerambycidae

Preparation of treatment solution

- **10% aqueous solution:** To prepare solution, water should be added to the tank to about 80% of the final volume of solution required. While agitating, add 1.0 pound of *Tim-bor* gradually for each gallon on treating solution required. The remaining water is then added and the solution is agitated until the product has dissolved.
- **15% aqueous solution:** Prepare solution as above, but gradually add 1.5 pounds of *Tim-bor* for each gallon of treating solution that is required. *Note: this concentrated solution should be used immediately and should not be stored.* Equipment should be rinsed and cleaned after use.
- **15% foam:** Prepare 15% aqueous solution as listed above and add surfactant/foaming agent. Typically 1-2 ounces of foaming agent added to the 15% aqueous solution will produce a dry foam with the desired expansion ratios of approximately 20 to 1 (approximately 20 gallons of foam per 1 gallon of aqueous solution). *Tim-bor* foam should be of a consistency that adheres to wood surfaces, so that run off is minimized. Since each foam machine can produce different foams, refer to the equipment manufacturer manuals and the surfactant's label for specific instructions.

Application

Tim-bor may be used as a solution, powder or foam. Two applications of 10% solution or one application of 15% solution can be typically be applied to wood surfaces by brush or spray. Application of the solution may also be made by drilling and then injecting under pressure into sound wood or the galleries of infested wood. As a foam, *Tim-bor* may be applied directly to wood surfaces or injected into insect galleries, or wall voids. Please refer to U.S. Borax Service Bulletin 210 for specifics.

Remedial and preventative treatment

Solutions

For remedial control of organisms attacking wood, or for protection of wood against future infestations, 2 applications of the 10% aqueous solution are normally required. Alternatively, apply 1 application of

the 15% aqueous solution. Apply solutions of *Tim-bor* by brush or spray until wood surface is thoroughly wet, at a rate of approximately 5 gallons per 10000 square feet of wood surface area.

Application may also be made by drilling and then injecting the solution under pressure into sound wood or until run-off is observed from entry/exit holes of infested wood.

Powder

Alternatively, apply *Tim-bor* powder to wood members by drill and injection into galleries or dust generously on wood surfaces. *Tim-bor* powder can also be injected into wall voids such as between studs, block voids, box sill, eaves, attics, soffets, etc. Apply powder at a rate of approximately 0.5 ounces (12-14 grams) per square foot.

Foam

Apply foam so that all accessible wood surfaces are covered with foam. Where possible, place foam between wood joints or abutting wood surfaces. In wall voids, inject enough foam to contact wood surfaces of studs in the wall, or the target area desired. Foam can be injected into galleries until run-off observed from kick holes, or entry/exit holes.

Pre-Treatment to wood

Spray, foam or powder/dust applications of *Tim-bor* may also be made to wood during construction. Apply solution to all accessible surfaces of bare wood at a rate of approximately 5 gallons per 1000 square feet of wood surface area. Application should be performed after framing and roofing are in place and before insulation and dry wall are installed. Avoid spraying electrical components. Protect treated wood from excessive rain. End-cuts of wood may also be treated by the application methods listed above, or by 1-5 minute dipping in *Tim-bor* treatment solution.

General insect control

Tim-bor powder may also be used as a crack and crevice and void treatment for general insect control such as Roaches, Silverfish, Earwigs, Crickets and Ants. *Tim-bor* may not be used for flea control. *Tim-bor* 15% aqueous solution may be used as a crack and crevice treatment only.

Dust *Tim-bor* powder into wall voids and hiding places such as in cracks and crevices, moist areas, openings around pipes and sinks, under refrigerators, behind baseboards, coffee makers, meter boxes and manholes. No powder should be visible in living areas after application. Any powder visible after application must be brushed into crack and crevices or removed. Apply only in areas inaccessible to children and pets. Avoid contamination of feed and foodstuffs. Do not use in serving areas when food is exposed.

Application of *Tim-bor* powder or 15% aqueous solution is limited to crack and crevice treatment only *in food areas of food handling establishments*. Apply *Tim-bor* powder or 15% aqueous solution between different elements of construction, between equipment and floors, openings leading to voids and hollow spaces in walls, equipment legs and bases where insects hide. Care should be taken to avoid depositing the product onto exposed surfaces or introducing the material into the air. Avoid contamination of food or food processing surfaces.

Applications of this product in the food areas of food-handling establishments other than as a crack and crevice treatment are not permitted.

Current U.S. Borax specifications/service bulletins should be followed for all treatment methods to ensure adequate chemical loadings in wood.

Notice

Because of many varying conditions affecting use and application, manufacturer warns buyer that these may impair or vary the results or effects of the use of this product. In any event, complete prevention of decay by fungi or other organisms is not guaranteed. Neither manufacturer nor seller shall be liable in respect to any injury or damages suffered by reason of the use of this product for a purpose not indicated by the label, or when used contrary to the directions or instructions hereon, nor with respect to breach any warranty not expressly specified herein. Buyer accepts this material subject to these terms, and assumes all risk of usage and handling except when used or handled in accordance with this label. There are no express warranties on *Tim-bor* or implied warranties of merchantability or fitness for any particular purpose, except as specifically stated herein. Manufacturer shall not be liable for any consequential damages based on the use of this product.



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