

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION: Harmful if swallowed. Avoid contact with skin, eyes or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling. Avoid contamination of food and feed. Do not leave container where children or animals may gain access.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear: Waterproof gloves, protective eyewear, protective clothing (i.e. long-sleeved shirt, long pants, shoes and socks) and a dust/mist filtering respirator (MSHA/NIOSH approval prefix number TC-21C) when utilizing BORRADA D powder or solution in confined spaces.

ENVIRONMENTAL HAZARDS

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.

FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE, OR ACCIDENT Call CHEMTREC - Day or Night: 1-800-424-9300 toll free in the continental U.S., Puerto Rico, or U.S. Virgin Islands. For calls originating elsewhere: 703-527-3887 (collect calls accepted).

DIRECTIONS FOR USE

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

BORRADA D is an inorganic borate salt, soluble in water, with insecticidal and fungicidal qualities effective against wood destroying organisms, including the target pests listed below. This product can be used as a remedial treatment of infested wood, and as a protective or preventative treatment (before signs of infestations are observed) of wood in existing construction.

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

BORRADA D is not intended as a substitute for mechanical alteration, soil treatment or foundation treatment, but simply as a supplementary treatment. When active infestations exist, get a professional inspection.

Do not apply to foamboard. Do not use in edible product areas of food processing plants or on counter tops and other surfaces where food is prepared. Do not use in serving areas where food is exposed. Do not contaminate feed, water or food. Do not use to treat lumber that will contact soil or be exposed to leaching by weather. Do not apply in classrooms when in use. Do not use in aircraft cabins. Do not apply to patient rooms in hospitals and nursing homes while occupied. Do not apply directly to food. In a non-federally inspected meat and poultry plant and food processing establishment, the facility must not be in operation when this product is used. Exposed food should be covered or removed prior to the application. Thoroughly wash all food processing surfaces before reuse. After application in bakeries, meat packing plants, food processing plants, cafeterias, and similar facilities, wash all benches, shelving, equipment etc. where exposed food will be handled with an effective cleaning compound followed by a potable water rinse to remove all traces of contamination.

The product cannot be tank mixed with other pesticide products. In the home, remove or cover exposed food, food handling surfaces, and cooking utensils. Wash thoroughly after treatment and before reuse. When spraying overhead interior areas of homes, apartment buildings, and all other dwellings, cover or protect all surfaces below the area being treated with plastic sheeting or other material which can be disposed of if contamination from dripping or splashing occurs.

TARGET ORGANISMS

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

Subterranean termites
Reticulitermes
Heterotermes
Coptotermes (Formosan)
Drywood termites
Kaloterms
Incisitermes
Dampwood termites
Zootermopsis
Ambrosia beetles
Scolytidae

"False" powder post beetles
Bostrichidae
Furniture and deathwatch beetles
Anobiidae
Old house borers / Longhorn beetles
Cerambycidae
Powder post beetles
Lycidae
Carpenter ants
Camponotus

APPLICATION

Applications of BORRADA D water soluble borate powder can be made in powder form, as a solution, or as a foam. Two applications of 10% solution or one application of 15% solution can be applied to wood surfaces by brush or spray. The solution can also be applied by drilling, and then, injecting under pressure into sound wood or the galleries of infested wood. As a foam, BORRADA D water soluble borate powder can be applied directly to wood surfaces or injected into insect galleries or wall voids. See directions for **REMEDIAL AND PREVENTATIVE WOOD TREATMENTS** and **GENERAL INSECT CONTROL** for detailed application instructions.

Preparation of Treatment Solutions

For 10% aqueous solution: Prepare solution by adding enough water to the tank to measure approximately 80% of the final volume of solution required. While agitating, gradually add 1.0 pound of BORRADA D per gallon of treatment solution required. Add remaining water and continue agitation until product is dissolved.

For 15% aqueous solution: Prepare solution as above, but gradually add 1.5 pounds of BORRADA D for each gallon of treatment solution required. **NOTE:** This concentrated solution should be used immediately after mixing and should not be stored. Equipment should be cleaned with soap and water, and rinsed after use.

For 15% foam: Prepare a 15% aqueous solution as directed above and add a surfactant/foaming agent. Typically 1 to 2 ounces of foaming agent added to the 15% aqueous solution will produce a dry foam with the desired expansion ratio of approximately 20 to 1 (approx. 20 gallons of foam per 1 gallon of aqueous solution). BORRADA D foam should be of a "dry" consistency that adheres to wood surfaces, so that runoff is minimized. Since each foam machine can produce different foams, refer to the equipment manufacturer manuals and the surfactant's label for specific instructions.

Borrada D™

WOOD PRESERVATIVE / INSECT CONTROL

For the preservation, 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.

(Coverage: up to 133 sq. ft. of wood surface, or about 333 linear ft. of crack and crevice spray per pound of product as 15% solution. See use instructions for specific application instructions.)

ACTIVE INGREDIENT:

Disodium Octaborate Tetrahydrate 98.0% (by wt.)
(Na₂B₈O₁₃• 4H₂O)

INERT INGREDIENTS: 2.0% (by wt.)

(Product contains 2% H₂O-absorbed moisture)

Total: 100.0% (by wt.)

KEEP OUT OF REACH OF CHILDREN CAUTION

EPA Reg. No.: 39578-1-53883

EPA Est. No.: 39578-TX-01

FIRST AID

If swallowed:	Call poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.
If in eyes:	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
If on skin or clothing:	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.
If inhaled:	Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

Net Contents: 25 Lbs.

Manufactured by:

CSI
CONTROL
SOLUTIONS
incorporated

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REMEDIAL AND PREVENTATIVE WOOD TREATMENTS

For the remedial control of organisms attacking wood or for protection of wood against future infestations, apply solutions of BORRADA D by brush or spray until wood surface is thoroughly wet, at a rate of approximately 5 gallons per 1000 square feet of wood surface area. Two applications of the 10% aqueous solution are normally required, or alternatively, use one application of the 15% aqueous solution. Resulting area of wood surface covered by a 10% solution is 200 square feet (or 100 square feet treated twice) per 1 pound of dry product. Area treated with a 15% solution will be 133 square feet per 1 pound of product.

Application can also be made by drilling and then injecting the solution under pressure into sound wood, or into the galleries of infested wood until runoff is observed from entry/exit holes.

Do not use this product on wood in contact with soil.

Powder

Alternatively, apply BORRADA D powder to wood members by drilling and injecting into galleries or dust generously on wood surfaces. BORRADA D powder can also be injected into wall voids, for example between studs, block voids, box sill, eaves, attics, soffits, etc. Apply powder at a rate of approximately 0.5 ounces (12 to 14 grams) per square foot. (Coverage equivalent to 32 square feet per pound of dry product.)

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 runoff is observed from kick holes or entry/exit holes.

PRETREATMENT TO WOOD

BORRADA D IS NOT REGISTERED IN THE STATE OF FLORIDA FOR PROTECTION OF WOOD BEFORE OR DURING CONSTRUCTION.

Spray, foam or powder/dust applications of BORRADA D 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 to 5 minute dipping in BORRADA D treatment solution.

GENERAL INSECT CONTROL

BORRADA D powder can also be used as a crack and crevice, and a void treatment for general control of insects including roaches, silverfish, earwigs, crickets and ants. Do not use this product for flea control. When used for general insect control, a 15% aqueous solution of this product can only be used as a crack and crevice treatment.

Dust BORRADA D powder into wall voids and hiding places including cracks and crevices, moist areas, openings around pipes and sinks, under refrigerators, behind baseboards, coffee makers, meter boxes and manholes. Apply dust at about 32 square feet per pound of product or about 200 linear feet of crack and crevice per pound of product. Powder must not be visible in living areas after application. Any visible powder remaining after application must be brushed into cracks and crevices or removed. Apply only in areas inaccessible to children and pets. Avoid contamination of feed and food. Do not use in serving areas when food is exposed.

In food areas of food-handling establishments, application of BORRADA D powder or 15% aqueous solution is restricted to crack and crevice treatment. Apply BORRADA D powder or 15% aqueous solution between the various elements of construction and in the places where insects hide including between equipment and floors, in openings to voids, hollow places in walls, and equipment legs and bases. When used as a crack and crevice spray, one gallon of 15% solution will treat 400 to 500 linear feet. When spraying into voids or onto exterior surfaces, one gallon treats 200 square feet. Care must be taken to avoid introducing this product into the air. Do not allow this product to deposit on exposed surfaces. Avoid contamination of food and food processing surfaces.

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

STORAGE AND DISPOSAL

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

PESTICIDE 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

For Paper or Plastic Bags: Completely empty bag into application equipment. Then dispose 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.

For Plastic Containers: Do not reuse empty container. Triple rinse container, then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

For Mini-bulk Refillable Containers: Return to Control Solutions Inc. If not returned or refilled, do not reuse container. Triple rinse, then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

DISCLAIMER

IMPORTANT:

Read the entire Label including this disclaimer, Risks of Using this product, Limited Warranty, and Limitation of Liability before using this product.

Seller makes no warranty expressed or implied, concerning the use of this product other than as indicated on the label. Buyer assumes all risk of use and/or handling of this material when use and/or handling is contrary to label instructions. Because of many varying conditions affecting use and application, manufacturer warns 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 herein, nor with respect to breach of any warranty not expressly specified herein.

Buyer assumes all risks associated with the use of this product in any manner or under conditions not specifically directed or approved on the label.

LIMITED WARRANTY

Control Solutions Inc. warrants only that this product conforms to the description on the label and is reasonably fit for the purpose stated in the label, under average use conditions, when used strictly in accordance with the label.

