

PM-25

Reg # 64405-1

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Please read instructions on reverse before completing form.

Form Approved, OMB No. 2070-0060, Approval expires 05-31-98



United States
Environmental Protection Agency
Washington, DC 20460

☐ Registration
☐ Amendment
☒ Other

OPP Identifier Number

253373

Application for Pesticide - Section I

1. Company/Product Number 64405-1	2. EPA Product Manager Robert J. Taylor	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) BORA-CARE	PM# 25	
5. Name and Address of Applicant (Include ZIP Code) NISUC CORPORATION c/o RegWest Company P.O. Box 2220 Greeley, CO 80632-2220 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Submit label revision notification pursuant to PR Notice 95-2.

This notification is consistent with the provisions of PR Notice 95-2 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to the EPA. I further understand that if this notification is not consistent with the terms of PR Notice 95-2 and 40 CFR 152.46 this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____		
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt	No. per container
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled		<input type="checkbox"/> Other _____			

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)					
Name Kim Davis		Title Consultant/Agent		Telephone No. (Include Area Code) (970) 353-0611	
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.					6. Date Application Received (Stamped)
2. Signature 		3. Title Consultant/Agent			
4. Typed Name Kim Davis		5. Date October 10, 1995			

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OCTOBER 10, 1995 NOTIFICATION OF LABEL REVISIONS TO THE BORA-CARE (EPA Reg. No. 64405-1)

FROM THE EPA STAMPED ACCEPTED LABEL DATED SEPTEMBER 28, 1994

NUMBER	VERBIAGE CHANGED FROM:	VERBIAGE CHANGED TO:
1.	Preventative Treatments (All) Preventative Treatments (Drywood Termites & Powder Post Beetles) Preventative Treatments (Sub. Termites Only) Remedial Treatments (All)	Preventative Applications (All) Preventative Applications (Drywood Termites) Preventative Applications (Sub. Termites Only) Remedial Applications
2.	2:1 dilution ratio may be used for fogging applications only.	2:1 dilution ratio may be used for fogging or foaming
3.	Two (2) applications required for surface spray or fog.	Two (2) applications required for surface spray or fog.
4.	A. Infested wood can be treated by spraying and/or injecting BORA-CARE solution into beetle holes, termite and carpenter ant galleries, and decay pockets. Apply one (1) coat of BORA-CARE solution to the point of wetness to all infested and susceptible wood, paying particular attention to infested areas. Two (2) coats of BORA-CARE solution need only be applied to those wood members with only one (1) or two (2) exposed sides	A. Infested wood can be treated by spraying or injecting solution into beetle holes, termite and carpenter ant galleries. Apply one (1) coat of <u>diluted</u> BORA-CARE solution to infested and susceptible wood, paying particular attention to decay areas. Two (2) coats of <u>diluted</u> BORA-CARE need only be applied to those wood members with only one (1) or two (2) exposed sides.
5.	of BORA-CARE	of diluted BORA-CARE
6.	of BORA-CARE solution	of diluted BORA-CARE
7.	BORA-CARE	diluted BORA-CARE
8.	solution	diluted solution
9.	injecting a 2:1 BORA-CARE	injecting diluted BORA-CARE (2:1)
10.	closed cell structures	a closed cell structure
11.	a 1:1 BORA-CARE solution to the point of wetness in a 24 inch	diluted BORA-CARE (1:1) solution to the point of wetness
12.	of a 1:1 BORA-CARE	of diluted BORA-CARE (1:1)
13.	Apply two (2) coats of a 5:1 BORA-CARE	Apply one (1) coat of 2:1 or two (2) coats of 5:1 diluted BORA-CARE
14.	BORA-CARE	BORA-CARE concentrate
15.	CO-PEL	CO-PEL concentrate
16.	a 1:1	a one to one (1:1)
17.	five (5) parts water to one (1) part BORA-CARE	one (1) part BORA-CARE concentrate with five (5) parts water
18.	require periodic reapplication.	have to be periodically reapplied.
19.		It is not intended that this product be used to practice a use not mentioned or not, without procurement of a license, if the following investigation by the user.

Authorized by the USDA for use on Non-Food Contact Surfaces in Edible Product Areas of Official Establishments
Operating under the Meat, Poultry, Shell Egg Grading and Egg Products Inspection Programs.

ACTIVE INGREDIENT:

Disodium Octaborate Tetrahydrate ($\text{Na}_2\text{B}_8\text{O}_{13} \cdot 4\text{H}_2\text{O}$): ... 40.0%

INERT INGREDIENTS: 60.0%

Density: 11.51 pounds per gallon

EPA Reg. No. 64405-1

EPA Est. 64405-TN-1

U.S. Patent Nos. 5,104,664 5,296,240

KEEP OUT OF REACH OF CHILDREN

CAUTION

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION: Harmful in inhaled. Avoid breathing vapors or spray mist. Avoid contact with skin, eyes or clothing. Avoid contamination of food and feed. Do not leave container where children or animals may gain access.

STATEMENT OF PRACTICAL TREATMENT

If Inhaled: Remove victim to fresh air. Apply artificial respiration if indicated. Contact a physician if warranted. **If In Eyes:** Flush with plenty of water. Get medical attention if irritation persists. **If On Skin:** Remove contaminated clothing and wash skin with soap and water. Wash clothing prior to reuse.

IN CASE OF A MEDICAL EMERGENCY involving this product call (800) 424-9300 or your local Poison Control Center.

ENVIRONMENTAL HAZARDS

BORA-CARE solutions carelessly spilled or applied to cropland or growing plants, including trees and shrubs, may kill or seriously retard plant growth. Cover plants and nearby soil with plastic to avoid contamination. Do not apply directly to water. Do not contaminate water when disposing of equipment washwaters.

CLEANUP

Use soap and water to clean up tools.

NOTICE

Read and understand the entire label before using. Use only according to label directions.

Before buying or using this product, read "WARRANTY LIMITATIONS AND DISCLAIMER" statement found elsewhere on this label. If terms are unacceptable, return unopened package to seller for full refund of purchase price. Otherwise, use by the buyer or any other user constitutes acceptance of the terms under WARRANTY LIMITATIONS AND DISCLAIMER.

DIRECTIONS FOR USE

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

BORA-CARE should be applied only to bare wood, plywood, particle board, and other cellulosic materials where an intact water repellent barrier such as paint, stain, or a sealer is not present.

The use of this product in food processing establishments should be confined to time periods when the plant is not in operation. Foods should be removed or covered during treatment. All food processing surfaces should be covered during treatment or thoroughly cleaned before using. After treatment in food processing plants, thoroughly wash all equipment, benches, shelving, etc. where exposed food will be handled, with an effective cleaning compound and rinse with potable water.

When spraying overhead interior areas of homes, apartment buildings, etc., cover or protect all surfaces below the area being sprayed with plastic sheeting or other material which can be disposed of if contamination from dripping occurs. Do not apply in food serving areas while food is exposed.

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. Do not freeze.

PESTICIDE DISPOSAL: Do not contaminate water when disposing of equipment washwaters. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

SAFE HANDLING PROCEDURES

Applicators and other handlers must wear long-sleeved shirt and long pants, socks, shoes, chemical-resistant gloves, and protective eyewear. When applying BORA-CARE in confined spaces, it is recommended that ventilation or an exhaust system be provided. If this is impractical, the use of a NIOSH approved respirator designed for protection from organic vapors (type TC-14G) is recommended. Spills and over-spray may be cleaned with a damp cloth or absorbed with appropriate materials. (Refer to the BORA-CARE Material Safety Data Sheet for additional health and safety information.)

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I. MIXING INSTRUCTIONS

BORA-CARE® is a concentrate which must be diluted with clean water before use. The use of warm or hot water, if available, and an impeller type mixer which can be used with an electric drill aids the dilution process.

A. **Hand Sprayers:** Mix in a clean container and stir the diluted solution until completely uniform. Always mix in a separate container then add the solution to a spray tank. Mixing BORA-CARE directly in a spray tank can block hoses and nozzles.

B. **High Volume Pumping Systems:** Add all of the dilution water to tank, start recirculator, then slowly add BORA-CARE concentrate. Allow to mix until uniform.

Use 1:1 and 2:1 BORA-CARE solutions within 24 hours after mixing. 5:1 BORA-CARE solutions will remain stable for up to 30 days. Do not leave unused solution under pressure or in tank overnight. Clean and/or flush equipment and lines with water after use.

BORA-CARE may be tank-mixed with an approved non-residual pesticide for quicker knock-down of carpenter ants and other insects.

II. DILUTION RATIOS by volume.

TABLE A.

Parts Water		Parts BORA-CARE	% Disodium Octaborate Tetrahydrate
1	to	1	23%
2	to	1	16%
3	to	1	13%
5	to	1	9%

TABLE B.

Target Pests	Dilution Ratios Water to BORA-CARE	Application Notes
All Insects & Decay Fungi	1:1	Spray, Injection, Brush, Roller.
Subterranean & Formosan Termites	1:1 or 2:1 (2)	2:1 dilution ratio may be used for fogging or foaming applications only.
Drywood Termites	1:1 or 2:1	
Anobiid & Lyctid Powder Post Beetles	1:1 or 2:1	Use a 2:1 dilution ratio for treating floors. Logs require a 1:1 ratio.
All other beetle species	1:1	
Carpenter Ants	1:1 or 2:1	
Decay Fungi	1:1 or 2:1	Use a 1:1 dilution ratio on wood members 2" thick or greater.
Drywood Termites, Powder Post Beetles, & Decay Fungi	5:1 (3)	Two (2) applications required for surface spray or fog. For prevention only.

TABLE C.

Application	Dilution Ratios Water to BORA-CARE	Application Notes
Logs, Large Beams, and Dimensional Lumber	1:1	All Insects & Decay Fungi.
Preventative Treatment of Decking, Fences, and Plywood	2:1	Use on wood members 2" in thickness or less.
Preventative Treatment of Decking, Fences, and Plywood	3:1	For use with CO-PEL® Water Repellent on wood 2" in thickness or less.
Prevention of Powder Post Beetles and Drywood Termites	5:1	For prevention only.
Logs, Large Beams, and Dimensional Lumber	5:1	Dip treatment only.

III. GENERAL INFORMATION

BORA-CARE is an innovative termiticide, insecticide and fungicide that eliminates existing infestations and provides long term protection against:

Subterranean Termites: Reticulitermes, Heterotermes

Formosan Termites: Coptotermes

Dampwood Termites: Zootermopsis, Neotermes

Drywood Termites: Kaloterms, Incisitermes

Power Post Beetles: Lyctidae, Bostrichidae

Anobiid Beetles: Anobiidae

Old House Borers, Longhorn Beetles: Cerambycidae, Hylotrupes

Ambrosia Beetles: Platypodidae, Scolytidae

Carpenter Ants: Camponotus

Brown Rot, White Rot, and Wood Decay Fungi including Poria incrassata.

BORA-CARE can be used on all cellulosic materials including wood, plywood, particle board, paper, oriented strand board (OSB), cardboard, and wood composite structural components.

As a remedial treatment, BORA-CARE will both eliminate and prevent infestations of Formosan, subterranean and drywood termites, wood boring beetles, carpenter ants and decay fungi. It may also be used as a supplement or alternative to fumigation in order to provide long term residual control.

Since BORA-CARE is applied directly to the wood, it can be used in areas where environmental contamination is of concern (nearby wells, cisterns, etc.). The active ingredient in BORA-CARE is an inorganic salt and once in place, it will not decompose or volatilize out of the wood. Treatment is long lasting as long as the treated material is not exposed to rain, continuous water or ground contact.

Older wood boring beetle larvae (particularly Old House Borers) already present in the wood at the time of treatment may occasionally emerge sometime after treatment. This will not occur frequently enough to cause structural damage to any wooden member.

IV. REMEDIAL TREATMENT FOR THE CONTROL OF SUBTERRANEAN, FORMOSAN, DRYWOOD AND DAMPWOOD TERMITES, CARPENTER ANTS, OLD HOUSE BORERS, POWDER POST AND OTHER WOOD BORING BEETLES AND WOOD DECAY FUNGI

A. Infested wood can be treated by spraying and/or injecting diluted BORA-CARE solution into beetle holes, termite and carpenter ant galleries, and decay pockets. Apply one (1) coat of diluted BORA-CARE solution to the point of wetness to all infested and susceptible wood, paying particular attention to infested areas. Two (2) coats of diluted BORA-CARE need only be applied to those wood members with only one (1) or two (2) exposed sides. For quicker control, apply an additional coat onto heavily infested areas waiting at least 20 minutes between applications.

In cases where the infestation is not accessible from the surface, small holes may be drilled into the wood in order to gain access to the infested area. Inject enough diluted solution to completely flood galleries or voids. Adjacent intact wood may be treated by pressure injecting BORA-CARE into holes drilled into the wood at eight (8) to ten (10) inch intervals. Inject at 40 psi for four (4) to six (6) seconds per hole.

For treating infested wall voids, refer to Sections IV. E. and F.

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5 B. Basements and crawl spaces may be treated by applying one (1) coat of diluted BORA-CARE® solution to the point of wetness to all infested and susceptible wood surfaces including sill plates, piers, girders, subfloors, floor joists and any wood exposed to vertical access from the soil. On wood where access is limited to one (1) or two (2) sides of wood members such as sills and plates on foundation walls, apply two (2) coats of diluted BORA-CARE. Wait at least 20 minutes between applications. Apply at a rate of approximately one (1) gallon of diluted BORA-CARE per 200 square feet of floor area (400 square feet of wood surface area).

6 C. Buildings on slabs may be treated by applying diluted BORA-CARE into wall voids by locating each stud and drilling a small hole through the wall covering to gain access to the infested area. Drill holes adjacent to the side of each stud every 18-24 inches along its length and inject at least 1/3 fluid ounce of diluted BORA-CARE solution per hole. Drill at least one hole per stud bay near the floor in order to treat the base plate in each void. Treat entire wall areas as opposed to single stud bays in order to include the infested area completely within the treatment zone.

7 D. Wood flooring can be treated by spray, brush, or roller application. It will be necessary to remove any existing finish by complete coarse sanding or stripping prior to application. Apply a two (2) parts water to one (1) part BORA-CARE (2:1) solution at a rate of approximately one (1) gallon of diluted solution per 500 square feet of floor surface. For treating infestations of subterranean or Formosan termites, two (2) coats may be required, waiting at least one (1) hour between applications. Allow floor to completely dry (typically 48 to 72 hours). Moisture content must be 10% or less before applying final finish. BORA-CARE applications may raise the grain of the wood and an additional light sanding may be necessary before applying a new finish. Although BORA-CARE is compatible with most floor coatings, always test a small section of treated floor with the new finish and check for appropriate adhesion prior to coating the entire floor.

NOTE: If surface is tacky or residue is evident after 72 hours of drying time, wash affected area with clean water and a mop, cloth, or sponge, rinsing frequently. Allow surface to dry prior to final light sanding and application of finish coat.

8 E. For treating voids, wall studs and wood members not accessible by conventional application methods, spray or mist solution into voids and channels in damaged and suspected infested wood and/or through small holes drilled into walls and baseboard areas. Holes should be spaced no more than 24" apart along each member to be treated and at least one (1) hole must be drilled between each wall stud when treating base plates. Use sufficient amount of material to cover all areas to the point of wetness.

NOTE: Existing insulation may interfere with distribution of the BORA-CARE solution. If necessary, remove or displace insulation prior to treatment.

F. Foam applications: BORA-CARE can be applied to bare wood surfaces and void areas as a foam by mixing two (2) parts water with one (1) part BORA-CARE (2:1) and adding 3 to 8 ounces of foaming agent per gallon of mixed solution. Apply foam being sure to completely fill the void. Foam will take approximately one (1) hour to return to liquid state and soak into bare wood.

Apply foamed BORA-CARE to void spaces at a 1:20 to 1:30 foam ratio (one [1] gallon of mixed solution expanded with foaming agent to produce 20 to 30 gallons of foam). Apply enough foam to completely fill void and contact all wood surfaces in the void space.

G. Roofs containing infested cellulosic materials may be treated by drilling holes through roofing surface in order to gain access to the infested area. Holes should be spaced no more than three (3) feet apart in a grid pattern. Inject two (2) to four (4) fluid ounces of diluted BORA-CARE solution into each hole. Be sure to patch all holes with suitable materials in order to prevent subsequent water infiltration.

H. Fogging applications: For treating confined spaces such as attics or crawl spaces, a fogging device may be used. A two (2) parts water to one (1) part BORA-CARE (2:1) solution should be added to the fogging device reservoir. Fog the area with enough diluted BORA-CARE solution to completely wet all exposed wood surfaces. Apply approximately one (1) gallon of diluted solution for every 400 to 800 cubic feet of void volume. In heavily infested areas, fogging should be supplemented with direct spray applications. If fogging is for control of subterranean or Formosan termites, two (2) separate applications may be necessary. Wait at least 2 hours between applications. Multiple fogging devices should be operated simultaneously for each 2000 cubic feet of void volume being treated.

NOTE: Fogging is recommended only when access is limited, preventing application by other means.

I. Foam insulation may be treated by injecting diluted BORA-CARE (2:1) solution into the infested area and/or low pressure surface spraying at a rate of one (1) gallon per 300 to 400 square feet.

NOTE: Some types of foam insulation such as polyisocyanurate and extruded polystyrene have a closed cell structure which does not allow significant penetration from surface application. These types of foam should be injected as well as surface sprayed, to achieve proper control or prevention of infestations.

V. PREVENTATIVE AND/OR PRETREATMENT FOR WHOLE HOUSE PROTECTION FROM SUBTERRANEAN, FORMOSAN, DRYWOOD AND DAMPWOOD TERMITES, CARPENTER ANTS, OLD HOUSE BORERS, POWDER POST AND OTHER WOOD BORING BEETLES AND WOOD DECAY FUNGI

NOTE: This treatment serves as a primary treatment for the control of Formosan and subterranean termites.

Pretreatment should be performed at a point during the construction process when greatest access to all wood members is available. Normally this is at the "dried-in" stage of construction when all structural wood and sheathing is in place, yet prior to installation of insulation, mechanical systems, electrical wiring, etc.

Apply one (1) coat of a 1:1 BORA-CARE solution to all wood surfaces to the point of wetness. Concentrate application in areas susceptible to attack, to include all sills, plates, floor joists, piers, girders and subfloors. Treat wood in all plumbing, electrical, and ductwork areas where they penetrate walls or floors. Treat all base plates and studs on interior and exterior walls, especially those surrounding any high moisture areas such as bathrooms, kitchens and laundry rooms. For buildings built on slabs, treat all wood in contact with the slab as well as all interior and exterior wall studs and wall sheathing material. In attics, treat all wood including ceiling joists, trusses, top plates, rafters and roof decking. Be sure the all sill plates and wood contacting garages and porches are treated.

In areas where access is limited to one (1) or two (2) sides of a wood member, apply two (2) coats of diluted BORA-CARE to the exposed surfaces. Wait at least 20 minutes between applications.

Treat all exterior wood including siding, facias, soffits, eaves, roofing, porches, decks and railings (refer to Sections VIII and IX for complete exterior application information).

6 9 7

VI. PREVENTATIVE AND PRETREATMENTS FOR SUBTERRANEAN TERMITES (CRAWL SPACE, BASEMENT AND SLAB)

NOTE: This treatment serves as a primary treatment for the control of subterranean termites.

Pretreatment may be performed at any point during the construction process, however it is best performed when greatest access to all wood members is available. Normally this is at the "dried-in" stage of construction when all structural wood and sheathing is in place, yet prior to installation of insulation, mechanical systems, electrical wiring, etc.

- 11 A. Buildings on Crawl Spaces and Basements: Apply one (1) coat of diluted BORA-CARE® (1:1) solution to point of wetness in an 24 inch wide uninterrupted band to all wood surfaces in crawl spaces and basements, to include all sills, plates, floor joists, piers, girders and subfloors as well as wood exposed to vertical access from the soil. Treat all wall base plates and the bottom two (2) feet of all interior and exterior wall studs. Treat any wood adjacent to plumbing, electrical conduit and ducts where they penetrate subfloors or plates, and all wood next to porches, garages, and fireplaces in order to provide a two (2) foot wide barrier of BORA-CARE treatment against termite penetration.

- 6 On wood where access is limited to one (1) or two (2) sides of wood members such as sills and plates on foundation walls, apply two (2) coats of diluted BORA-CARE. Wait at least 20 minutes between applications. If accessible, treat the exterior of sill areas around the entire perimeter of the structure with a 24 inch wide band of BORA-CARE solution beginning with the sill area and extending upwards onto the sheathing material.

On multiple story structures, treat only the first story above the masonry foundation level. Coated or painted wood may be treated by pressure injecting BORA-CARE into holes drilled into the wood at eight (8) to ten (10) inch intervals. Inject at 40 psi for four (4) to six (6) seconds per hole.

- 12 B. Buildings on Slabs: Apply one (1) coat of diluted BORA-CARE (1:1) solution to all base plates and the bottom 24 inches of all studs on all exterior and interior walls. In areas where access is limited to one (1) or two (2) sides of a wood member, apply two (2) coats of diluted BORA-CARE to the exposed surfaces. Wait at least 20 minutes between applications. Treat all wood in plumbing walls and apply to any wood in bath traps as well as wood adjacent to plumbing, electrical conduit and duct penetrations in order to provide a minimum 24 inch wide barrier of treatment between the soil and the balance of the structure.

VII. PREVENTATIVE TREATMENT FOR DRYWOOD TERMITES AND POWDER POST BEETLES

- 13 Apply one (1) coat of 2:1 or two (2) coats of 5:1 diluted BORA-CARE solution to all wood surfaces to the point of wetness using a brush, spray, or mist. Wait at least 20 minutes between applications.

NOTE: 5:1 BORA-CARE solutions will remain stable for up to 30 days.

VIII. TREATMENT OF EXTERIOR WOOD SURFACES LESS THAN TWO INCHES THICK SUCH AS DECKS, SHEDS, SIDING, AND FENCES

- 5 Apply only to bare wood or to wood surfaces where an intact water repellent or finish is not present. If necessary, remove paint or finish prior to application. Apply one (1) coat of diluted BORA-CARE solution to the point of wetness to all wood surfaces. Apply two (2) coats of diluted BORA-CARE to heavily infested areas and to those surfaces where access is limited to one (1) or two (2) sides of wood members. Do not apply in rain or snow. Exterior wood surfaces must not be exposed to rain or snow for at least 48 hours after treatment. If inclement weather is expected, protect exterior treated surfaces with a plastic tarp.

For wood in contact with the ground or soil, see Section XII.

A. Finishing and Maintaining Treated Surfaces: For long term protection, exterior wood surfaces which have been treated with BORA-CARE will require a topcoating with a water resistant finish such as paint or exterior stain. The finish or topcoat should be applied within six (6) weeks of treatment. It is important to allow BORA-CARE treated wood to completely dry (at least 48 hours) before applying any protective topcoat. Coat a small section of treated wood with the finish to be used and check for compatibility prior to complete application.

IX. TREATMENT OF EXTERIOR WOOD WITH A COMBINATION OF BORA-CARE AND CO-PEL® WATER REPELLENT CONCENTRATE (Except In California)

BORA-CARE may be mixed and applied simultaneously with an approved water repellent adjuvant such as CO-PEL Water Repellent Concentrate to provide a water resistant finish on exterior wood surfaces. Application must be made to bare wood. Dirt, mold, debris, and any existing water repellent finish must be removed prior to treatment. Allow the wood to dry (less than 20% moisture content) before application.

Dilute two (2) parts water with one (1) part BORA-CARE concentrate and mix thoroughly until solution is completely uniform. When this solution is thoroughly mixed, slowly add one (1) part CO-PEL concentrate and gently stir. This results in an equivalent BORA-CARE dilution ratio of 3:1 (13% active ingredient concentration). Apply the finished BORA-CARE / CO-PEL solution evenly with a low pressure (25-40 psi) fan spray to wood surfaces at a rate of 200 - 250 square feet per gallon. At this application rate, a single treatment with a BORA-CARE / CO-PEL mixture will impart enough active ingredient to treat wood up to 1 1/2 inches in thickness such as decking and fencing. Allow decking to completely dry before walking on treated surfaces. Do not apply if rain is imminent or if temperature is below 50°F. (Refer to CO-PEL label for complete instructions on surface preparation, drying time, etc.).

For continued protection, CO-PEL should be periodically reapplied in order to maintain an intact water repellent barrier. This will prevent leaching of the active ingredient from exterior wood and provide long term protection from insects, decay, and moisture damage.

NOTE: Heavy insect or decay infestations should be treated with BORA-CARE alone according to label instructions and allowed to dry prior to the application of a BORA-CARE/CO-PEL mixture. When multiple applications of BORA-CARE are necessary, include CO-PEL only in the last coat or apply a CO-PEL/water solution as a separate application after the BORA-CARE treatment has dried. Once the CO-PEL finish has dried, it will prevent additional applications of BORA-CARE from penetrating into the wood.

X. TREATMENT OF LOG STRUCTURES, TIMBERS, BEAMS, PILINGS, AND EXTERIOR WOOD MEMBERS TWO OR MORE INCHES THICK

Apply only to bare wood or to wood surfaces where an intact water repellent or other finish is not present. If necessary, remove paint or finish prior to application. Interior, unfinished surfaces which have accumulated dirt or cooking oils should be cleaned with a strong detergent prior to treatment. Apply a one to one (1:1) BORA-CARE solution to the point of wetness to all interior and exterior wood surfaces. Refer to application chart for minimum amount of BORA-CARE to treat various size logs or beams.

Typically, two (2) coats of solution will be required to treat round logs 10" or greater in diameter and rectangular logs larger than 8" x 12". Wait at least one (1) hour between applications. Two (2) coats of diluted BORA-CARE should also be applied to log ends, notches, corners and sill logs. Actual number of coats necessary to meet the minimum requirements will depend on actual wood size, surface porosity, and number of sides accessible for treatment. Do not apply in rain or snow. Exterior wood surfaces should not be exposed to rain or snow for at least 48 hours after treatment. If inclement weather is expected, protect exterior treated surfaces with a plastic tarp.

A. Finishing and Maintaining Treated Surfaces: For long term protection, exterior wood surfaces which have been treated with BORA-CARE® will require a topcoating with a water resistant finish such as CO-PEL® Water Repellent, paint, or exterior stain. The finish or topcoat should be applied within six (6) weeks of treatment. It is important to allow BORA-CARE treated wood to completely dry (at least 48 hours) before applying any protective topcoat. Coat a small section of treated wood with the finish to be used and check for compatibility prior to complete application.

NOTE: Many coatings, including CO-PEL, may interfere with the adhesion of caulks and synthetic chinking compounds. Make sure that caulk and/or chinking is installed prior to application. This notice does not apply to BORA-CARE.

For treating wood members other than logs, refer to appropriate label sections.

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XI. DIP TREATING LOGS AND LUMBER

A dip treating solution may be prepared by mixing one (1) part BORA-CARE concentrate with five (5) parts water. This will result in a stable solution containing 9% active ingredient. Bundled wood must be stickered in order to allow the solution to cover all wood surfaces. Logs and/or lumber should be submerged in the solution for at least one (1) minute or until all entrapped air has escaped. Protect treated wood from rain or snow for at least 24 hours after treatment.

XII. TREATMENT OF WOOD IN CONTACT WITH THE GROUND

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A BORA-CARE treatment to wood in contact with the ground or soil has a limited lifespan and will have to be periodically reapplied. Protection may be extended with the used of products such as JECTA® DIFFUSIBLE BORACIDE or IMPEL® Rods.

XIII. RECOMMENDED MINIMUM APPLICATION RATES

TABLE A. Dimensional Lumber

Lumber Size (inches)	1 Gallon of Diluted BORA-CARE Will Treat up to:	Minimum Amount of Diluted BORA-CARE to Treat 1000 Lineal Feet
1 x 4	1,200 Lineal Feet	0.8 Gallons
1 x 12	400	2.6
2 x 4	600	1.6
2 x 6	400	2.6
2 x 8	308	3.2
2 x 10	240	4.2
2 x 12	200	5.0
4 x 4	300	3.4
4 x 6	200	5.0
4 x 8	150	6.8
4 x 12	100	10.0
6 x 6	133	7.6
6 x 8	100	10.0
6 x 10	80	12.6
6 x 12	68	15.0

TABLE B. Panels, Siding, and Plywood
(1:1 or 2:1 dilution ratio)

Thickness (inches)	1 Gallon of Diluted BORA-CARE Will Treat up to:	Minimum Amount of Diluted BORA-CARE to Treat 1000 Square Feet
1/4	1,600 Square Feet	0.6 Gallons
3/8	1,067	1.0
1/2	800	1.2
3/4	533	1.8
1	400	2.6

TABLE C. Round Logs
(1:1 dilution ratio only)

Diameter (inches)	1 Gallon of Diluted BORA-CARE Will Treat up to:	Minimum Amount of Diluted BORA-CARE to treat 1000 Lineal Feet
6	167 Lineal Feet	6.0 Gallons
8	96	10.4
10	61	16.4
12	43	23.4

NOTE: The numbers listed above are based on an application rate of one (1) gallon of diluted BORA-CARE to 400 board feet of wood. However, some wood surfaces may absorb more than the minimum application rate. 6

XIV. WARRANTY LIMITATIONS AND DISCLAIMER

Because of 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 or insect infestation is not guaranteed. Neither the manufacturer nor seller shall be liable in respect to any injury or damage 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 of 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.

It is not intended that this product be used to practice any applicable patent, whether mentioned or not, without procurement of a license, if necessary, from the owner, following investigation by the user. 19

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