



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Antimicrobials Division (7510P)
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

EPA Reg. Number:

62190-43

Date of Issuance:

10/22/21

NOTICE OF PESTICIDE:

Registration
 Reregistration
(under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

Frameguard® Pack B40

Name and Address of Registrant (include ZIP Code):

ARCH WOOD PROTECTION, INC.
3941 Bonsal Road
Conley, GA 30288

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Antimicrobials Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is unconditionally registered in accordance with FIFRA section 3(c)(5) provided that you:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product when the Agency requires all registrants of similar products to submit such data.

Signature of Approving Official:

Stacey Grigsby, Acting Product Manager 34
Regulatory Management Branch II
Antimicrobials Division (7510P)

Date:

10/22/21

2. Make the following label changes before you release the product for shipment:
 - Revise the EPA Registration Number to read, “EPA Reg. No. 62190-43.”
3. Submit one copy of the revised final printed label for the record before you release the product for shipment.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated 05/26/2021

If you have any questions, please contact Stacey Grigsby by phone at 703.305.6440, or via email at grigsby.stacey@epa.gov

Sincerely,



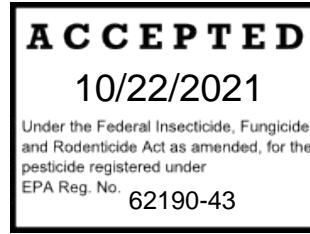
Stacey Grigsby
For/Lorena Rivas, Acting Product Manager, 34
Regulatory Management Branch II
Antimicrobials Division (7510P)

Enclosure: 10/22/21 Accepted Stamped Label

FRAMEGUARD® Pack B40

Termiticide, Insecticide and Fungicide Concentrate

{Alternate Brand Name: AntiBlu® Diffuze 40}



Active Ingredient:

Disodium Octaborate Tetrahydrate (CAS No. 12280-03-4)	40%
Other Ingredients	60%
Total	100%

KEEP OUT OF REACH OF CHILDREN

CAUTION

See side panel for additional Precautionary Statements

For the Prevention and Control of: Subterranean Termites, (which includes) Formosan Termites, Drywood Termites, Carpenter Ants, Listed Wood Destroying Beetles, Fungi (Rot), Algae

For use in and around Residential, Institutional and Commercial Structures and Vehicles.

Manufactured by:
ARCH WOOD PROTECTION, INC.
3941 Bonsal Road
Conley, GA 30288

EPA Reg. No. 62190-xx EPA Est. xxxxx-yy-zz

Net Contents: #####

PRECAUTIONARY STATEMENTS:

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION. Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators, mixers and other handlers must wear long-sleeved shirt, long pants, socks, shoes, chemical-resistant gloves (made of barrier laminate; butyl, nitrile, neoprene and natural rubbers ≥ 14 mils; polyethylene; polyvinyl chloride; and viton ≥ 14 mils) and protective eyewear.

USER SAFETY REQUIREMENTS

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet;
- Remove clothing immediately if pesticide gets inside, then wash thoroughly and put on clean clothing;
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

Wood treatment facilities must take steps to prevent runoff of the product into the waterway. Treated material stored outdoors within 100 feet of a pond, lake, stream, or river must be covered, surrounded by a containment berm, or otherwise protected to prevent surface water runoff. The containment berm must be of sufficient height to prevent runoff during heavy rainfall events. This pesticide is toxic to fish and wildlife. Do not apply directly to water, to intertidal areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwaters. 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.

FIRST AID

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Immediately rinse skin with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

IF IN EYES: Hold eye open and rinse lowly 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.

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. You may also contact: CHEMTREC 1-800-424-9300 [CCN 864796] for emergency medical treatment information.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Use of this product for the control of bed bugs is prohibited. Applications to carpets are prohibited. Do not exceed label dosage rates. Do not mix this product with any other product if prohibited by that label.

USE RESTRICTIONS

Do not use on food contact surfaces when food is prepared. Do not use in serving areas where food is exposed. Do not contaminate feed, water or food. Do not enter or allow others to enter or occupy treated areas until spray has been absorbed into the wood. Treated areas must not be occupied during application.

PHYTOTOXICITY

This product may be phytotoxic to plants. When treating around the exterior of structures, cover and protect shrubs and other plants that may be potentially exposed to this product.

I. MIXING INSTRUCTIONS

FrameGuard® Pack B40 is a concentrate that **must** be diluted with clean water or a combination of water and permitted insecticide and or repellent/coating, and/or antimicrobial before use. A power impeller-type mixer can be used with an electric drill to shorten mixing time. FrameGuard® Pack B40 solutions can be mixed with FrameGuard Pack A (EPA Reg. No. 62190-25) for mold control, in accordance with the most restrictive of label limitations and precautions.

II. PRODUCT INFORMATION

FrameGuard® Pack B40 is not intended for application to soil; it is not a soil termiticide. **Do not use to directly treat soil. Prior to using this product, consult with your state regulatory agency to see if there are additional requirements beyond the label.**

FrameGuard® Pack B40 contains an inorganic borate salt, soluble in water, with insecticidal and fungicidal properties effective against wood destroying organisms, including the target pests listed below. This product may be used as a remedial treatment of infested wood and as a preventative treatment of wood in existing or new construction. FrameGuard® Pack B40 solution is recommended for protection of all interior and exterior wood (including wood-foam composite structural components). Treatment is intact provided the treated material is not exposed to rain, continuous water or in direct contact with the ground.

Subterranean Termites: *Reticulitermes*, *Heterotermes*, *Coptotermes*

Drywood Termites: *Kaloterms*, *Incisitermes* Dampwood Termites: *Zootermopsis*, *Neotermes*

True Powderpost Beetles: *Lyctinae*,

False Powderpost Beetles: *Bostrichidae*

Anobiid Beetles: *Anobiidae*

Old House Borers, Longhorned Beetles: *Cerambycidae*, *Hylotrupes*

Ambrosia/Bark Beetles: *Platypodidae*, *Scolytidae*, *Curculionidae*

Metallic Wood Boring Beetle: *Buprestidae*

Carpenter Ants: *Camponotus*

Brown Rot (including dry rot), White Rot, Wood Decay

III. FRAMEGUARD® PACK B40 TOTAL WOOD PRESERVATIVE FOR USE PRIOR TO INSTALLATION OF LUMBER

FrameGuard® Pack B40 is a wood preservative for protection and treatment of wood against brown rot, white rot, fungi (rot) and wood destroying insects including beetles, termites and carpenter ants. Treatment is permanent provided the treated material is not exposed to rain, moisture or ground contact.

- A. SURFACE PREPARATION:** Apply only to bare wood or to wood surfaces where an intact water repellent or other finish is not present. Remove any previous finishes or water repellents before application of the FrameGuard® Pack B40 solution. Surfaces must be free of dirt and other contaminants. Prior to treatment, clean with a strong detergent all interior, unfinished surfaces that are to be treated and that have accumulated dirt or cooking oils. If finished appearance is a concern, prior to application of FrameGuard® Pack B40 solution, remove any mold or mildew with an appropriate wood cleaner followed by thorough surface rinsing.
- B. APPLICATION INSTRUCTIONS:** Do not apply in rain or snow. Do not expose treated exterior wood surfaces to rain or snow for at least 48 hours after treatment. If inclement weather is expected, protect exterior treated surfaces with a plastic tarp. Apply by spray, brush, roller, or dip. Use dilutions in Table B.
- C. RETENTION RATES:** One gallon of FrameGuard® Pack B40 concentrate (2 gallons of FrameGuard® Pack B40 solution as applied) will treat 800 board feet of wood to a minimum retention level of 0.084 pounds per cubic foot boric acid equivalent (BAE). Since the active ingredient penetrates throughout the wood being treated, calculate the amount of FrameGuard® Pack B40 solution needed on the volume of wood being treated, not just the surface area. Use the following formulas to calculate the required amount of FrameGuard® Pack B40 solution:

LUMBER:

(2 x 4, 2 x 6, 2 x 12, etc.)

Material thickness (inches) x material width (inches) x material length (feet)
divided by 12 = Board Feet

FOR LOG HOMES:

Log height (inches) x log thickness (inches) x perimeter (feet) x number of
courses divided by 12 = Board Feet

(For round logs use the average diameter for both height and thickness
measurements)

FOR SIDING AND PANELING:

One gallon of FrameGuard® Pack B40 concentrate (2 gallons of solution) will
treat 800 sq. ft. of 1" thick wood by spraying only one side. If siding or panel-
ing is 1/2" thick, 1 gallon of FrameGuard® Pack B40 concentrate (2 gallons
solution) treats 1,600 sq. ft.

D. ESTIMATED VOLUME OF FRAMEGUARD® PACK B40 NEEDED:

TABLE A – DIMENSIONAL LUMBER:

LUMBER SIZE (INCHES)	1 GALLON OF DILUTED FRAMEGUARD® PACK B40 WILL TREAT UP TO
1 X 4	1,200 Linear Feet
1 X 12	400
2 X 4	600
2 X 6	400
2 X 8	308
2 X 10	240
2 X 12	200
4 X 4	300
4 X 6	200
4 X 8	150
4 X 12	100
6 X 6	133
6 X 8	100
6 X 10	80
6 X 12	68

TABLE B —PANELS, SIDING AND PLYWOOD (1:1 OR 2:1 MIXING RATIO):

THICKNESS (INCHES)	1 GALLON OF DILUTED FRAMEGUARD® PACK B40 WILL TREAT UP TO
1/4	1,600 sq. ft.
3/8	1,067
1/2	800
3/4	533
1	400

TABLE C —ROUND LOG (ONLY THE 1:1 MIXING RATIO):

DIAMETER (INCHES)	1 GALLON OF DILUTED FRAMEGUARD® PACK B40 WILL TREAT UP TO
6	167 Linear Feet
8	96
10	61
12	43

NOTE: The numbers listed above are based on an application rate of 1 gallon of FrameGuard® Pack B40 solution to 400 board feet of wood.

IV. FOR PREVENTION AND CONTROL OF LISTED WOOD DESTROYING BEETLES, DECAY FUNGI (ROT) AND DRYWOOD TERMITES; AND MOLD CONTROL WHEN MIXED WITH FRAMEGUARD® PACK A:

For mold control mix entire contents of FrameGuard® Pack A and 1 gallon of FrameGuard® Pack B40 in 5 gallons of diluent. The solution 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.

FrameGuard® Pack B40 may be mixed with FrameGuard® Pack A for performance against mold, provided the products' labels contain no prohibition against such mixing, following the more restrictive label's precautions and limitations. Do not exceed label dosage rates.

FRAMEGUARD® PACK B40 & FRAMEGUARD® PACK A MIXING CHART (5:1)

INITIAL DESIRED MIXBACK	GALS OF PACK A	GALS OF PACK B40	GALS OF COLORANT	GALS OF WATER
25	1.6	4.2	0.3	18.9
50	3.1	8.3	0.7	37.9
75	4.7	12.5	1	56.8
100	6.3	16.7	1.4	75.7
125	7.8	20.8	1.7	94.7
*150	9.4	25.0	2.0	113.6
175	10.9	29.2	2.4	132.5
200	12.5	33.3	2.7	151.5
225	14.1	37.5	3.1	170.4
250	15.6	41.7	3.4	189.3
275	17.2	45.8	3.7	208.2
300	18.8	50.0	4.1	227.2
325	20.3	54.2	4.4	246.1
350	21.9	58.3	4.7	265.0
375	23.4	62.5	5.1	284.0
400	25.0	66.7	5.4	302.9
425	26.6	70.8	5.8	321.8
450	28.1	75.0	6.1	340.8
475	29.7	79.2	6.4	359.7
500	31.3	83.3	6.8	378.6

* Denotes typical mixback.

STORAGE AND DISPOSAL:

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

PESTICIDE STORAGE: Store in a cool, dry (preferably locked) storage area inaccessible to children and pets. Do not freeze.

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

CONTAINER HANDLING:

CONTAINERS LESS THAN OR EQUAL TO 5 GALLONS: Nonrefillable container; do not reuse or refill this container. Triple rinse (or equivalent) container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container $\frac{1}{4}$ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times, then offer for recycling, if available; or reconditioning, if appropriate; or puncture and dispose of in a sanitary landfill; or by incineration.

CONTAINERS GREATER THAN 5 GALLONS: Nonrefillable container; do not reuse or refill this container. Triple rinse (or equivalent) container promptly after emptying. Triple rinse as follows. Empty the remaining contents into application equipment or a mix tank. Fill the container $\frac{1}{4}$ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling, if available; or reconditioning, if appropriate; or puncture and dispose of in a sanitary landfill; or by incineration.