



PM 22 56156-1 10/4
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

JAN 6 1997

Christopher McConville
American Building Restoration Products, Inc.
9720 South 60th Street
Franklin, WI 53132

Subject: X-100 Natural Seal Wood Preservative
EPA Reg. Number 56156-1
Your submission dated November 18, 1996, and received
on December 5, 1996

Dear Mr. McConville:

We have reviewed the submission referred to above.

Draft Label

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. A stamped copy is enclosed for your records. Submit one copy of your final printed labeling before you release the product for shipment.

CSF Dated November 18, 1996

The submitted alternate CSF cannot be processed because it has the following deficiencies:

1. The name of the source product for the active ingredients must be specified in item 10 of form 8570-4. In the first two rows of item 10 for this CSF, you listed only the names of the active ingredients and their CAS number; you did not include the name of the source product of these active ingredients.
2. You counted the percentage and pounds of the source product twice (items 13a & 13b). You are adding 5% of the source product, which gives you 0.5% of each active ingredient. The percentage and pounds of the source product should be listed only once, not twice as was done on this CSF.
3. Because of the error in item 13a, the total in item 17 is incorrect.

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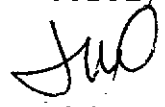
In order to remedy these deficiencies, you must do the following:

1. Specify the name of the source product for the active ingredients in item 10 of form 8570-4.
2. In the first row of item 13a, replace "1.80 lb" with "1.71 lb". If you keep the same amounts of the inert ingredients, this will give you concentrations of 0.5% for both active ingredients.
3. Delete the second row of items 13, 14, and 15.
4. In item 17, change "36.0 lb" to "34.1 lb".

If you want to use an alternate formula for this product, you must submit a revised CSF (form 5870-4) along with an Application for Pesticide Amendment Form (form 8570-1). The revised CSF must address the deficiencies noted above.

If you have any questions about this letter, please contact Tobi Colvin-Snyder of my staff at 703-305-7801.

Sincerely,



fn

Cynthia Giles-Parker
Product Manager (22)
Fungicide-Herbicide Branch
Registration Division (7505C)

3044

X-100 NATURAL SEAL® PRESERVATIVE

- PREVENTS MOISTURE DAMAGE
- ULTRA VIOLET PROTECTORS
- OIL BASED

Keep out of reach of children.

Warning!

ACTIVE INGREDIENTS:

Methylene bis (thiocyanate).....	0.5%
2-(thiocyanomethylthio) benzothiazole.....	0.5%
INERT INGREDIENTS:	99.0%
Contains Petroleum Distillate	

See side panel for additional
precautionary statements.

ACCEPTED
with COMMENTS
in EPA Letter Dated

JAN 6 1997

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.

52156-1

X-100 Natural Seal® is for use on all wood surfaces susceptible to moisture damage, including green pressure treated lumber, dimensional lumber and logs.

X-100 Natural Seal® formula is a wood preservative consisting of essential wood protecting ingredients blended in a paraffinic oil which is non-sensitive to ultra violet rays. X-100 Natural Seal® is designed to penetrate the wood.

The X-100 Natural Seal® unique oil-borne system is V.O.C. compliant. X-100 Natural Seal® protects against the environmental forces of wind, rain, snow, ice and sun. X-100 Natural Seal® is formulated for minimal evaporation. Therefore, these active ingredients mean more product penetration into the wood per application.

X-100 Natural Seal® protects wood against cracking, splitting, cupping, curling, sapstain, mold and mildew, and replaces the natural oils in the wood fiber that were lost when the tree was cut. When a tree is cut, it loses its natural defense mechanisms. Eventually the bark is removed, further exposing the wood to the elements.

FOR BEST RESULTS: apply only under ideal conditions. Do not apply if rain is forecast within a 24 hour period. **SURFACE MUST BE DRY. BOTH SURFACE AND AIR TEMPERATURE MUST BE ABOVE 50°F.**

For lumber that is not dried or seasoned: X-100 Natural Seal® is formulated to protect damp wood. However, the duration of protection will be in direct relationship to how much X-100 Natural Seal® the wood has absorbed. That is, the greater the dampness of the wood the less amount of absorption.

PROPER SURFACE PREPARATION

IF YOU HAVE: AN EXISTING COATING i.e. PEELING PAINT

- Step 1 - Strip the previous coating with Super Bio Strip™;
- Step 2 - Clean with X-180 Weathered Wood Restorer™; and,
- Step 3 - Preserve with X-100 Natural Seal®.

OLD, DIRTY or PREVIOUSLY SEALED WOOD

- Step 1 - Clean with X-180 Weathered Wood Restorer™; and,
- Step 2 - Preserve with X-100 Natural Seal®.

NEW LUMBER

- Step 1 - Test wood for porosity: if a drop of water does not soak into the dried wood surface, this may be due to mill glaze. **MILL GLAZE:** a smooth glossy (waxy) film found on newly sawn lumber which is impervious to coatings. **IMPORTANT:** on new lumber, especially on decks/walking surfaces, REMOVE THE MILL GLAZE with X-180 Weathered Wood Restorer™ or allow deck to weather 2 to 3 weeks and test again; and,
- Step 2 - Preserve with X-100 Natural Seal®.

**NOTE: SLIPPERY WHILE DRYING.
DO NOT WALK ON SURFACES UNTIL THOROUGHLY DRY.**

DIRECTIONS FOR USE

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

Mix X-100 Natural Seal® well before using. A test area should be performed before beginning overall project to determine the amount of X-100 Natural Seal® the wood will absorb, dry time, wood porosity and total desired look. Fully protect all adjacent surfaces, as well as general work area. When spraying near vegetation, cover plant life with cardboard or other suitable material in case of overspray.

PRECAUTIONS: Do not use on wood that will be in direct contact with soil.

COVERAGE

DECK AND SIDEWALL: seasoned or weathered wood, 100 to 200 sq. ft. per gallon, depending on porosity of surface.

Unseasoned, dense or new wood, 200 to 300 sq. ft. per gallon, depending on porosity of surface.

ROOF: 75 to 150 sq. ft. per gallon, depending on porosity of surface.

DECK APPLICATION

Apply X-100 Natural Seal® with a brush or staining pad. Work vigorously into walking surfaces.

1. Application of X-100 Natural Seal® to weathered grey or dirty wood will further blacken the surface. To achieve a more natural wood color, clean deck with X-180 Weathered Wood Restorer™ before treating with X-100 Natural Seal®.

2. Apply only as much X-100 Natural Seal® as the wood will absorb to reach a uniform appearance. Note, the same piece of wood may absorb differently in areas.

Note: Avoid oversaturation, particularly on horizontal deck surfaces: Imagine filling a sponge with water to a point where water overflows due to oversaturation. This same type of oversaturation point can occur after applying X-100 Natural Seal®. At this point, rub off the top layer excess with a rag before it dries. The ideal situation is to get the wood to absorb as much material as it can to get the maximum results without any excess on the surface, especially on new decking.

DRYING TIME: Allow at least 48 hours to dry. Each horizontal surface will have different dry times. Always check horizontal surfaces prior to usage.

DECK MAINTENANCE: Atmospheric pollutants and ordinary abrasive foot traffic will leave dirt on horizontal deck surfaces. Rainwater alone does not wash such deposits away.

Removal of deposits will require routine deck maintenance. Unlike sidewalls, horizontal deck surfaces require washing a minimum of once in spring and once in fall. X-180 Weathered Wood Restorer™ is recommended. After washing, the wood is conditionally protected but the horizontal surface may need to be retreated on an annual basis.

BAR CODE AREA
TO BE
PICKED UP

BATCH NO.

SIDEWALL APPLICATION

Apply X-100 Natural Seal® with a brush or low pressure sprayer.

1. Apply as much X-100 Natural Seal® as the wood will absorb.
2. To avoid runs, and streaking, back brush product from surfaces before drying. Rough sawn wood will generally absorb more product evenly, however, it will still require back brushing.
3. Keep a wet edge to avoid lap marks.
4. If the wood can absorb more X-100 Natural Seal® and extra protection or more depth of color is desired, apply wet on wet coats or a second coat at later date.
5. Use X-100 Natural Seal® Interior Grade for any interior work.

ROOF APPLICATION

Apply with a brush, low pressure sprayer or heavy nap roller.

Saturate well. After a noticeable penetration of the first coat, a second coat is recommended, wet on wet, if not more. This creates a product build-up without streaks or runs, resulting in more X-100 Natural Seal® protection over a longer period of time.

HELPFUL HINTS: When a natural cedar color is desired, use Cedar Tone Gold. If white film from sap occurs around knot holes, scrub with plastic abrasive type pad dipped in paint thinner. For further protection, apply X-100 Natural Seal® on both sides of the wood. Do one elevation at a time. If the application has to be interrupted, stop at a corner as opposed to the middle of the wall. If questions still need to be addressed prior to application, call for technical assistance at 1-800-346-7532.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING: This product may cause eye damage and skin irritation upon contact. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield, rubber gloves and protective clothing when handling. Harmful or fatal if swallowed. Harmful if absorbed through the skin. Avoid breathing vapors or mist.

FIRST AID

If on skin — Wash with plenty of soap and water. Get medical attention.

If swallowed — Do not induce vomiting. Drink a large quantity of milk, egg whites or gelatin solution. If these are not available, drink large quantities of water. Avoid alcohol. Call physician or Poison Control Center.

If in eyes — Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. Treat symptoms. Measures against circulatory shock, respiratory depression and convulsion may be needed.

ENVIRONMENTAL HAZARDS: This pesticide is toxic to fish. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water by disposal of equipment, washwaters.

USE ONLY WITH ADEQUATE VENTILATION

— WARNING —
HARMFUL IF SWALLOWED.

CLEAN UP: Mineral spirits or dish detergent and water. If X-100 Natural Seal® should get on surfaces such as glass, paint, metal, caulking or rubber, remove immediately with dish detergent. If a spill is dry, clean with mineral spirits.

DISPOSAL: Do not reuse empty can. Wrap can and place in trash. Leaking or damaged containers should be placed in a plastic bag and discarded. Contact local, state or federal agencies to ensure compliance of proper disposal methods and respective regulations.

STORAGE: Keep container closed when not in use. Store in cool place. This product should be kept out of reach of children and stored away from food.

LIMITED WARRANTY

This warranty is valid for one year from the date of purchase. The purchaser of X-100 Natural Seal® shall be entitled to the following, if the product herein is shown to be defective: ABRP, Inc., at its option, will either replace the product or refund the purchase price. Contact ABRP, Inc., to make claim under this warranty. The purchaser must have proof of purchase from label and original sales receipt. Proper surface preparation, (see PROPER SURFACE PREPARATION section), is essential to the applicability of this warranty. Read and follow label directions.

Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions.

No other warranties are made, expressed or implied, including without limitation warranties as to MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. In all events, ABRP, Inc., liability shall be limited solely to replacement of product provided above.

This limited warranty may not be modified or extended by manufacturer's representatives, distributors, or dealers of ABRP, Inc., products.

Some states do not allow the exclusion or limitation of incidental or consequential damages so the above limitation or exclusion may not apply to the purchaser. This warranty gives the purchaser specific legal rights, as well as other rights which may vary from state to state.

Note: X-100 Natural Seal® is designed to protect and preserve wood and is not designed to prevent wood from accumulating dirt and atmospheric pollutants, or the effects thereof. See deck maintenance for proper cleaning procedures for general wood surfaces.

American Building Restoration Products, Inc.
9720 South 60th Street, Franklin, Wisconsin 53132
National: 1-800-346-7532 • In Wisconsin 414-421-4125
Fax 414-421-8696 • EPA Registration No. 56156-1

NATURAL WOOD P

NET CONTENTS: