

Impel Specimine Label

FOR THE PREVENTION AND CONTROL OF WOOD DECAY FUNGI

ACTIVE INGREDIENT:

Anhydrous Disodium Octaborate100.0% by weight

INERT INGREDIENTS:0.0% by weight

EPA Registration No. 10356-16

KEEP OUT OF REACH OF CHILDREN CAUTION

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PRECAUTIONARY STATEMENTS

HAZARDOUS TO HUMANS AND DOMESTIC ANIMALS

Harmful if swallowed. Avoid breathing dust and contact with skin, eyes and clothing. Wash thoroughly after handling and before eating, drinking and smoking. Remove contaminated clothing and wash before reuse. Avoid contamination of food and feed. Do not leave container where children or animals may gain access.

Statement Of Practical Treatment

If swallowed: Immediately contact a physician or Poison Control Center. If these are unavailable, give the victim 1 or 2 glasses of water and induce vomiting by touching back of throat with fingers, or if available, by administering Syrup of Ipecac. Do not induce vomiting or give anything by mouth to an unconscious person.

If in eyes: Flush with plenty of water and seek medical attention.

If on skin: Remove contaminated clothing and wash skin with soap and water.

Environmental Hazards

Do not apply this product directly to water. Do not contaminate water when disposing of equipment washwaters or wastes.

Storage and Disposal

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

Storage: Store in dry conditions at all times. Do not store where children or animals may gain access.

Pesticide Disposal: Do not contaminate water when disposing of equipment washwaters. Wastes resulting from the use of this product should be disposed of according to procedures approved by Federal, State, or Local disposal authorities.

Packaging Disposal: Do not reuse empty package. Consult Federal, State or Local authorities for approved disposal procedures.

NOTICE

READ AND UNDERSTAND THE ENTIRE LABEL BEFORE USING. USE ONLY ACCORDING TO LABEL DIRECTIONS.

Before buying or using this product, read the "WARRANTY LIMITATIONS AND DISCLAIMER" statement found elsewhere on this label. If the stated terms are not acceptable, return unopened package to seller for full refund of purchase price. Otherwise, use by the buyer or user constitutes acceptance of the terms under WARRANTY LIMITATIONS AND DISCLAIMER.

IN CASE OF A MEDICAL EMERGENCY involving this product, call (704) 455-5181 or your local Poison Control Center.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. READ THE ENTIRE LABEL BEFORE USE.

Safe Handling Procedures

The use of eye protection and gloves is advised.

GENERAL INFORMATION

IMPEL Rods are a solid borate fungicide that are used to eliminate existing fungal infestations and prevent future infestations of Brown Rot, White Rot and wood decay fungi including:

Antrodia sinuosa	Polyporus abietinus
Antrodia xantha	Polyporus rugulosus
Basidiomycete	Polyporus sulphureus
Bisporia pusillas 132	Polyporus tomentosus
Chaetomium globosum keizze	Polyporus versicolor
Coniophora cerebella	Polystictus versicolor
Coniophora olivacea	Poria carbonica
Coniophora puteana	Poria incrassata
Fomes lividus	Poria monticola 698
Fomes officinalis	Poria nigrescens 4856
Fomes pini	Poria placenta
Fomes pinicola	Poria subacida
Gloeophyllum abietinum	Poria vaillantii
Gloeophyllum sepiarium	Poria vaporaria

Gloephyllum trabeum
Hericium abietis
Heterobesidian annosum
Lentinus lepideus
Lenzites trabea
Merulius lacrymans
Phoma herbarum
Phoma lanosa

Poria xantha
Sclerophoma pityophila
Serpula lacrymans
Sistotrema brinkmenii
Stachbotrys atra corda
Torulla sp.
Trametes lilacino-gliva
Trametes serialis

IMPEL Rods are a fused form of disodium octaborate; a combination of borax and boric acid with the water removed. When implanted into wood containing decay fungi, the rods slowly dissolve and deposit crystals of boric acid in the wood. The boric acid will then diffuse into the moist wood surrounding the rod, killing existing decay fungi and providing protection against future fungal infestations. IMPEL Rods may also be used to protect newly installed wood from future decay damage.

The rate of application for IMPEL Rods is 6.0 ounces of Boric Acid Equivalent (BAE) per cubic foot of wood for remedial treatments and 2.0 ounces of BAE per cubic foot of wood for preventive treatments. IMPEL Rods contain 1.45 ounces of BAE per ounce. The following Table shows the BAE content for each size of IMPEL Rod.

If the treated area is constantly subjected to water exposure (fence posts, piers, exterior sills, etc.) it may be necessary to replace the rods once they have completely dissolved. In high risk areas, the rods should be effective for 3 to 10 years. In any case, the rods should be checked periodically and new rods inserted, if necessary.

IMPEL Rods are particularly suited for wood which has a coating or water repellent finish such as paint or stain on it. It will not be necessary to remove any wood finish prior to the insertion of IMPEL Rods.

Application Sites

Install IMPEL Rods in areas where wood decay is present or where the potential for decay exists. Examples include:

Flooring and Foundation Systems- especially around kitchens and bathrooms where leaky plumbing, deteriorated caulking and inadequate moisture barriers may be common.

Window and Door Framing- where weathered paint provides inadequate protection against moisture. Garage doors and the base of their frames are particularly susceptible areas. Exterior Steps, Porches and Decks- where damage may be found in columns, railings, floors and support members.

Roof Trim and Facia- especially facia boards supporting gutter systems and soffits; where trim is in contact with skylights, vents and chimneys and where excessive moisture is common.

Attics and Roofing- where leaks may cause decay damage to support members and rafters.

Porches and Garages- where concrete slabs abut walls and trim.

Fence Posts- insert rod(s) within 6 inches of groundline.

Log Construction- in any decay or susceptible areas or where moisture is present; especially cracks and checks that allow water entry into corners, joints, log ends and lower courses.

Note: If any wood member's structural integrity has been reduced to the extent that repair or replacement is necessary, repairs and/or replacement should be made and the source of moisture should be reduced or eliminated. IMPEL Rods will not add structural structural integrity to previously damaged wood.

Method Of Application

IMPEL Rods are designed to be implanted into infested wood or wood in high risk areas by insertion into pre-drilled holes. Holes must be slightly larger in diameter than the rod to be inserted and should be at least 1/8 inch longer than the length of the inserted rod(s) and plug(s) or sealant, in order to allow room for expansion of the rod(s). If enough head space is not provided, the plug(s) or sealant may be forced out of the hole.

IMPEL Rods can be inserted through any wood surface, depending on access in either a staggered, linear or angled pattern. Whenever possible, start holes approximately 6 inches or more on either side of any area showing signs of decay. Continue placing holes throughout the decayed area and for at least 6 inches past the end of the decayed section.

HOW TO POSITION RODS IN WOOD

Refer to the Recommended Application Rate Table for information concerning the number of rods required per lineal foot of wood.

Wood ends and joints are particularly susceptible to fungal attack and an appropriate size rod should be inserted within 6 inches of any end or joint in high risk areas.

Linear spacings along the grain should never exceed 15 inches on center and spacings across the grain should not exceed 6 inches on center. After the rods are in place, the holes should be plugged using a wooden dowel, caulk or wood putty. The treated area can be painted, stained, or coated with any appropriate type of finish.

Application Steps

- 1. Drill appropriate size holes to accommodate the number and size of IMPEL Rods required. (Consult the recommended Application Rate Table for this information).**
- 2. Insert the IMPEL Rods into the hole or holes.**
- 3. Plug the hole with a wooden dowel, caulk or wood putty.**

Note: Recommended application rates are based upon rods being installed in a linear pattern (Diagram 2). If necessary, holes can be drilled on an angle in order to leave room for plug and expansion.

Caution: When drilling into structural support members, such as a joist, consult your local building code authority for restrictions. Extensive drilling could result in structural weakening.

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 elimination or prevention of decay 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.

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