

86200-1

03-02-2010

1/8

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY



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

EPA Reg. Number: 86200-1

Date of Issuance: MAR 2 2010

Term of Issuance: Conditional

Name of Pesticide Product: Tile Doctor Shield

NOTICE OF PESTICIDE:
[x] Registration
Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Tile Media Properties
2727 Paces Ferry Road, SE
Building 2, Suite 1680
Atlanta, GA 30338

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration 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/reregistered 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 conditionally registered in accordance with FIFRA sec 3(c)(7)(A) provided that you:

- 1. Submit and/or cite all data required for registration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for re-registration of your product under FIFRA section 4.
2. Make the labeling changes listed below before you release the product for shipment:
a. Revise the EPA Registration Number to read, "EPA Reg. No. 86200-1".

Signature of Approving Official:

Velma Noble

Date:

MAR 2 2010

Product Manager Team-31

CONCURRENCES

Table with columns for Regulatory Management Branch, Antimicrobials Division (7510P), and a grid for signatures and dates. Includes handwritten entries like 'I 7510P', 'J. Faust', and '3/1/10'.

EPA Form 8570-6

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EPA Reg. No. 86200-1

b. Revise the claim on page 2 regarding how often the product is to be reapplied by stating "...reapply Tile Doctor Shield every *three month or when odor, staining and discoloration...*" to bring this label into agreement with the cited "me-too" product. Should you desire to indicate a less frequent reapplication interval, submit an amendment to the Agency with supporting data for review. A claim for a reapplication rate longer than 3 months could be considered false and misleading without appropriate supporting data.

c. Revise your application rate to be in agreement with the cited "me-too" product by indicating that "One gallon of Tile Doctor Shield treats 200 square feet depending..." Delete the reference to 1500 square feet. If you would like to propose that 1 gallon of your product may be used to treat a larger area, submit for review a justification as well as the specifics as to what types of surfaces could be treated at one gallon per 200 sq. ft. and examples of when one gallon of product could treat several times that surfaces area.

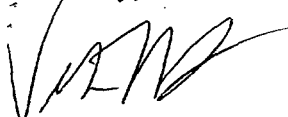
3. Submit a revised Enforcement analytical Method in support of this product within 60 days of the date of this letter.

General Comments

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records. Submit one (1) copy of your final printed labeling prior to release of this product for shipment. If you have any questions concerning this letter, please contact Tracy Lantz at (703) 308-6415.

Sincerely,



Velma Noble  
Product Manager 31  
Regulatory Branch I  
Antimicrobials Division (7510P)

CONCURRENCES

| SYMBOL                                | SURNAME       | DATE     |         |  |  |  |  |
|---------------------------------------|---------------|----------|---------|--|--|--|--|
| Enclosure: Stamped Label, DER D374495 | 7510P-T-Lantz | 3/1/2010 | 86200-1 |  |  |  |  |

MASTER LABEL

Note to reviewer: Bold, italicized text is information for the reader and is not part of the label. [Bracketed text] is optional text. Text separated by “/” indicates and/or options.

TILE DOCTOR SHIELD

[A SILANE QUATERNARY AMMONIUM SALT]

EPA Reg. No. 86200-R

EPA Est. 84324-GA-001

ACTIVE INGREDIENT:

3(trihydroxysilyl) propyldimethyl octadecyl ammonium chloride..... 0.84%

INERT INGREDIENTS: ..... 99.16%

TOTAL . ..... 100.00%

KEEP OUT OF REACH OF CHILDREN

LOT NO.

NET CONTENTS

Tile Media Properties  
2727 Paces Ferry Rd. SE  
Bldg 2, Ste 1680  
Atlanta, GA 30338

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

MAR 2 2010  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No. 86200-1

ENVIRONMENTAL HAZARDS:

Commercial and Industrial Uses:

This pesticide is toxic to fish. 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

De-activation may be required during clean up if a spill occurs. De-activation of Tile Doctor Shield can be achieved by the addition of an anionic surfactant or detergent (such as soap, sulfones, or sulfates) in quantity equivalent to that of the active ingredient.

Residential Uses:

This pesticide is toxic to fish. Do not contaminate water by cleaning of equipment or disposal of pesticide. Do not apply directly to water.

For All Uses:

For chemical emergency ONLY (spill, leak, fire, exposure or accident), call CHEMTREC at 800-424-9300.

PRODUCT FEATURES AND BENEFITS

Tile Doctor Shield imparts durable biostatic activity to the surface of a wide variety of substrates.

Tile Doctor Shield is effective against mold, mildew and algae as a static agent.

Increased efficiency – through proper application, durable bacteriostatic, fungistatic and algistatic surfaces can be attained with a minimum amount of Tile Doctor Shield.

Provides freshness and combats deterioration and discoloration caused by bacteria, fungi and algae.

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**DIRECTIONS FOR USE**

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

**FOR [COMMERCIAL] APPLICATIONS IN [HOMES,] [OFFICES] AND [INSTITUTIONS] ONLY**

**APPROVED USES:** Tile Doctor Shield is effective against odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew) and algae as a static agent. Tile Doctor Shield can be used as a final bacteriostatic finish on the following items to impart bacteriostatic/ fungistatic (mold and mildew) activity:

- [Carpet,] [Draperies,] [Upholstery,] [Furniture,] [Book Covers,] and [Pictures]
- Interior Non-Food Contact Hard Surfaces Including: Floors and Floor Coverings, Natural Stone, Ceramic and Non-Ceramic Tile, Walls and Wall Coverings, Ceilings, Concrete, Chrome, Stainless Steel, Fiberglass, Vinyl, Porcelain, Wood and Glass Fixtures, and Aluminum

**HOW TO USE:**

Dry treated areas and articles such as clothing before use. Remove children and pets from treated area until completely dry. Clean surfaces prior to application. Tile Doctor Shield is to be applied to organic and inorganic surfaces as supplied by brushing, dipping, padding, soaking, spraying, or misting until adequately wet. After applying treatment, the surface should be allowed to dry at temperatures from ambient to a maximum of 160°C (320° F) to effect complete condensation of silanol groups and to remove water, solvents and/or traces of methanol from hydrolysis. If necessary, reapply Tile Doctor Shield every ~~three~~ months or as necessary when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.

***For 8, 16 and 32 oz. containers:***

**For Pump/Trigger Spray Application:** Using pump/trigger sprayer, spray entire area 4-6 inches from the surface making sure the surface is completely covered. Apply and then let stand until dry. If spotting occurs, wipe with moist cloth or sponge. Test for staining and colorfastness of fabrics and carpets by treating and drying a small, concealed area prior to application. When treating coarser substrates, more Tile Doctor Shield may be required due to absorption. One gallon of Tile Doctor Shield treats 200 - ~~1500~~ square feet depending upon treated surface porosity and texture.

***For 1, 5, 55 and 275 gal. containers:***

**For Commercial Spray Application:** For commercial application equipment (i.e., carpet/upholstery steamers, rotary jet extraction cleaners, pressure sprayers), apply and then let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test for staining and color-fastness of fabrics and carpets by treating and drying a small, concealed area prior to application. When treating coarser substrates, more Tile Doctor Shield may be required due to absorption. Dry carpet areas and surfaces before re-entry and dry articles before use. One gallon of Tile Doctor Shield treats approximately 200 square feet.

***For all containers:***

**For Dipping/Soaking Application:** Use appropriate sized washbasin or tub for dipping/soaking the item you are treating. Use enough Tile Doctor Shield solution to completely submerge item. Completely submerge item in solution for 3 minutes. Remove item and dry. Test for staining and colorfastness of fabrics by treating and drying a small, concealed area prior to application. Do not reuse solution after dipping/soaking. The substrate can be dried at room temperatures or at temperatures to a maximum of 160° C (320° F).

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## MASTER LABEL

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For each application, determine optimum application and drying conditions, such as time and temperature before use. If desired, reapply Tile Doctor Shield if odor, staining and discoloration due to bacteria, mold or mildew occur.

### **STORAGE AND DISPOSAL**

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

#### ***FOR PRODUCTS OTHER THAN HOUSEHOLD/RESIDENTIAL:***

##### ***Containers of 5 gallons or less:***

**STORAGE:** Store in original, tightly closed container in an area inaccessible to children or persons unfamiliar with its use. Keep tightly closed until ready to use. Reclose tightly after each use. When stored in original, unopened containers at or below 25°C (77°F), Tile Doctor Shield has a minimum shelf life of 12 months from date of shipment.

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

**CONTAINER HANDLING:** Nonrefillable container. Do not reuse or refill this container. Triple rinse 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 ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into container for disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Dispose of rinsate by following instructions for pesticide disposal or store rinsate for later disposal. Then offer empty container for recycling, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

##### ***Containers of more than 5 gallons:***

**STORAGE:** Store in original, tightly closed container in an area inaccessible to children or persons unfamiliar with its use. Keep tightly closed until ready to use. Reclose tightly after each use. When stored in original, unopened containers at or below 25°C (77°F), Tile Doctor Shield has a minimum shelf life of 12 months from date of shipment.

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

**CONTAINER HANDLING:** Nonrefillable container. Do not reuse or refill this container. Triple rinse container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ 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 rinsate into container for disposal. Repeat this procedure two more times. Dispose of rinsate by following instructions for pesticide disposal or store rinsate for later disposal. Then offer empty container for recycling, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

#### ***FOR HOUSEHOLD/RESIDENTIAL PRODUCTS:***

**PESTICIDE STORAGE:** Store in original, tightly closed container in an area inaccessible to children or persons unfamiliar with its use. Store away from food and pet food. Keep tightly closed until ready to use. Reclose tightly after each use.

**PESTICIDE DISPOSAL AND CONTAINER HANDLING:** Nonrefillable container. Do not reuse or refill this container. If empty: Place in trash or offer for recycling if available. If partly filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

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**FOR MORE INFORMATION CONCERNING THIS PRODUCT, PLEASE CONSULT THE MATERIAL SAFETY DATA SHEET (MSDS). THE MSDS CAN BE OBTAINED BY WRITING TO TILE MEDIA PROPERTIES OR BY CALLING 866-651-2690.**

**NOTICE:** TILE MEDIA PROPERTIES warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated in the labeling when used in accordance with directions under normal conditions of use; but this warranty of fitness for a particular purpose does not extend to the use of this product contrary to written instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use. **TILE MEDIA PROPERTIES SPECIFICALLY DISCLAIMS ANY OTHER EXPRESS OR IMPLIED WARRANTY, INCLUDING THE WARRANTY OF MERCHANTABILITY.**