

JAN 18 2012

Sangeeta V. Khattar  
Agent for Tile Media Properties  
Steptoe & Johnson, LLP  
1330 Connecticut Avenue, NW  
Washington, DC 20036-1795

Subject: Tile Doctor Shield  
EPA Registration No.: 86200-1  
Amendment Dated: October 21, 2011  
EPA Receipt Date: October 21, 2011

Dear Ms. Khattar,

The following amendment, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable subject to the conditions listed below:

- 1) Your directions for use must be in agreement with the package sizes in which the product is marketed. Revise the last statement in the directions for use of 8, 16 and 32 ounce containers (page 2) such that the coverage information matches the container size. Revise this statement to include options for each container size as follows: **“[32 ounces of Tile Doctor Shield treats 50] [16 ounces of Tile Doctor Shield treats 25] [8 ounces of Tile Doctor Shield treats 12] square feet...”** When composing the label choose the language that matches the container size. Delete the information referring to one gallon treating 200 square feet as this is not appropriate for this section.
- 2) Revise the Container Handling section on page 3 (products other than household/residential) to read: **“Drain for 10 seconds after the flow...”**
- 3) Revise pages 5 and 6 to include the name of record for this product: **“Tile Doctor Shield”** not The Doctor Shield.

CONCURRENCES

SYMBOL	J. J...						
SURNAME	JSIOP						
DATE	1/18/12						

**General Comments**

A stamped copy of the accepted labeling is enclosed. Submit one (1) copy of your final printed labeling before distributing or selling the product bearing the revised labeling. Should you have any questions concerning this letter, please contact Tracy Lantz at (703) 308-6415.

Sincerely,



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

Enclosure: Stamped accepted label  
7510P:T.Lantz:1/17/12:86200-1b label amend

**CONCURRENCES**

SYMBOL							
SURNAME							
DATE							

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**MASTER LABEL – Amendment filed October 21, 2011**

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. 86200-1

EPA Est. 84324-GA-001

**ACTIVE INGREDIENT:**

3-(trihydroxysilyl) propyl dimethyl octadecyl ammonium chloride..... 0.84%

**INERT INGREDIENTS:** ..... 99.16%

**TOTAL:** ..... 100.00%

**KEEP OUT OF REACH OF CHILDREN**

LOT NO.

NET CONTENTS

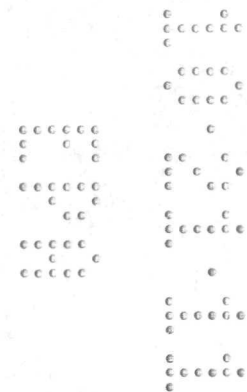
Manufactured for/Fabricados para:

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

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

**JAN 18 2012**

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.

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### MASTER LABEL

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Efficiency – through proper application, durable bacteriostatic, fungistatic and algaestatic static 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.

### 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]

**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:* [Kitchen], [Bathroom], and [Household Surfaces], 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 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 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.

Notes: C.R. approved label 7.28.10; Notification: add marketing phrases and pictograms; update contact number; incorporate language from EPA Reg. Ltr. dated March 2, 2010; Label Amendment approved 11.2.11 re add “kitchen, bathroom, and household surfaces” & incorporate comments from EPA. Reg. Ltr. dated 3.2.10; Amendment filed October 21, 2011 incorporate comments as per EPA’s ltr.11.2.201 and add pages 5 & 6 with optional marketing statements, pictographs, and photo (images)

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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).

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:***

**PESTICIDE 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:***

**PESTICIDE 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

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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.

**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 877-290-9015.**

**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.**

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## OPTIONAL MARKETING PHRASES, PICTOGRAPHS, AND PHOTOS (IMAGES)

### THE DOCTOR SHIELD – EPA Registration No. 86200-1

1. SHIELD/STEP 2 (enclosed in an oval) – see picture below
2. Photos or images of bacteria, algae, fungi, mold, and mildew - see picture below
3. Identification of the above mentioned photos (images): bacteria, algae, fungi, mold, and mildew - see picture below
4. [Effective against mold, mildew, algae and odor-causing bacteria]
5. [Provides freshness and combats deterioration and discoloration]
6. [For use on hard surfaces]
7. [(See back panel for full listing).]



A snapshot of the images as they will appear on the Final Printed Label.

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#### OPTIONAL MARKETING PHRASES, PICTOGRAPHS, AND PHOTOS (IMAGES)

THE DOCTOR SHIELD – EPA Registration No. 86200-1

1. [Peel]
2. [the Tile Doctor] logo (see below)

A snapshot of the images as they will appear on the Final Printed Label.



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