



U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Antimicrobials Division (7510C)
1200 Pennsylvania Avenue NW
Washington, D.C. 20460

EPA Reg. Number: 71983-1

Date of Issuance: AUG 10 2010

Term of Issuance:

Conditional

Name of Pesticide Product:

Roof Reclaim Mildew Prevention System Component

NOTICE OF PESTICIDE:

Registration
[x] Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Tamko Building Products, Inc.
220 West Fourth Street
Joplin, MO 64801

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.

Based on your response to the Copper RED, the EPA has reregistered this product subject to the comments recorded in the succeeding paragraph. This action is taken under the authority of section 4(g) (2) of the Federal Insecticide, Fungicide and Rodenticide Acts, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. The EPA may require submission of data at any time to maintain the registration of the subject product.

1. Make the following label changes:

a. Revise the EPA Registration Number to read "71983-1".

Signature of Approving Official:

Marshall Swindell
Product Manager Team-33
Regulatory Management Branch I
Antimicrobials Division (7510P)

Handwritten signature of Marshall Swindell

Date:

AUG 10 2010

b. Change the Hazards to Humans and Domestic Animals statement to read:

"Causes moderate eye irritation. Avoid contact with skin, eyes or clothing." Wear long sleeved shirt, long pants, shoes, and socks. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before use.

d. Change the third paragraph of the User Safety Recommendations statement to read:

"Users should 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.

e. As specified in the acute toxicity review the following changes must be made to the label.

"Add a phone number for emergency medical treatment information to the First Aid statement."

2. For additional labeling clarity and consistency, please refer to the enclosed EPA reviews.

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.

Submit two (2) copies of the revised labeling bearing the labeling revisions listed above. A stamped copy of the label is enclosed for your records.

If you have questions concerning this matter, please contact me at (703) 308-6341 or by email at swindell.marshall@epa.gov or Martha L. Terry at (703) 308-6217 or by email at terry.martha@epa.gov.

Sincerely,



Marshall Swindell
Product Manager 33
Regulatory Management Branch I
Antimicrobials Division (7510P)

Enclosures: (Stamped Label)

3/8

[FRONT LABEL PANEL]

Roof Reclaim!™

Mildew Prevention System Component I

For Commercial, Residential, or Industrial Use.

[OPTIONAL SELLING CLAIMS:

- Designed for Effective Control of Unsightly Algae Growth on Shingles
- Designed for Effective Control of Unsightly Mildew Growth on Shingles
- Designed for Effective Control of Unsightly Mildew and Algae Growth on Shingles
- Algae Discoloration Treatment for Shingles
- Mildew Discoloration Treatment for Shingles
- Algae & Mildew Discoloration Treatment for Shingles
- Formulated to Inhibit the Unsightly Growth of Algae on Shingles
- Formulated to Inhibit the Unsightly Growth of Mildew on Shingles
- Formulated to Inhibit the Unsightly Growth of Algae and Mildew on Shingles
- For Protection of Exterior Surfaces Against Growth of Dark Colored Algae
- For Protection of Exterior Surfaces Against Growth of Dark Colored Mildew
- For Protection of Exterior Surfaces Against Growth of Dark Colored Algae & Mildew]

ACTIVE INGREDIENT:

Copper Sulfate Pentahydrate*3.91%

INERT INGREDIENTS:96.09%

TOTAL:100.00%

*CAS No. 7758-99-8; metallic copper equivalent, 1.0%

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Fungicide, and Rodenticide Act as
required for the pesticide,
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4/8

[FRONT LABEL PANEL-CONT'D]

KEEP OUT OF REACH OF CHILDREN

CAUTION

See Back/Side Panel for Additional Precautionary Statements

NET CONTENTS ½ GALLON

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[FRONT OR OTHER PANELS]

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

General Precautions and Restrictions: Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the State or Tribal agency responsible for pesticide regulation.

General: RoofReclaim! Mildew Prevention System Component I, requires the use of **Component I** and **Component II. RoofReclaim! Mildew Prevention System Component I,** the pesticide product, is one part of the entire **RoofReclaim! Mildew Prevention System** as described in the enclosed brochure entitled, **RoofReclaim! Mildew Prevention System Application Instructions. RoofReclaim! Mildew Prevention System Component I,** the pesticide product, must be used with the non-pesticidal product, **RoofReclaim! Mildew Prevention System Component II,** a transparent acrylic copolymer. Always apply **RoofReclaim! Mildew Prevention System Component I,** the pesticide product, prior to the non-pesticidal transparent acrylic copolymer product, **RoofReclaim! Mildew Prevention System Component II.** If shingles are visibly discolored by mildew and algae, **RoofReclaim! Restorer** must be used prior to application of the two-part **RoofReclaim! Mildew Prevention System.**

Application Equipment: TAMKO recommends the use of low shear spray equipment capable of delivering liquids at a pressure less than 100 PSI and a flow rate less than 5 gpm. The application equipment should also provide recirculation of the spray solution through the supply tank, and/or gentle agitation, to maintain suspension of any solids in the spray solution. Separate mixing tanks should be used for each component of the **RoofReclaim! Mildew Prevention System.**

Preparation: Prepare shingles to be treated with **RoofReclaim! Mildew Prevention System Component I** by removing any foreign materials such as leaves, twigs or pine needles. Examine the structure for areas where unexpected over spray may occur, for example, along eaves, edges, etc. Cover or remove items near or beneath these areas. Proper application techniques should ensure spray solution remains on the treated surface.

How to Use RoofReclaim! Mildew Prevention System Component I: Mix one container of **RoofReclaim! Mildew Prevention System Component I** (½ gallon) with 7½ gallons of clean water and apply to uniformly cover an average shingled surface area of 3,500 square feet. Under conditions which may effect the evaporation rate of the water carrier, it may be helpful to adjust the dilution of

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RoofReclaim! Mildew Prevention System Component I with a minimum of 5½ gallons to maximum of 19½ gallons of clean water to cover 2,800 to 4,200 square feet of shingled surface area. Adjust the dilution rate within the prescribed ranges when roof surface temperatures are high and require a higher dilution rate for adequate coverage. Swirl or gently agitate, then completely empty a single ½ gallon of **RoofReclaim! Mildew Prevention System Component I** into the application equipment spray tank, or into a clean, plastic mixing vessel. Follow by adding a sufficient amount of clean water (i.e. 5½ to 19½ gallons) with the ½ gallon of **RoofReclaim! Mildew Prevention System Component I**. This should result in a total spray solution volume of 6 to 20 gallons. Use a portion of the 5½ to 19½ gallons dilution water to thoroughly rinse the **RoofReclaim! Mildew Prevention System Component I** ½ gallon container. The **RoofReclaim! Mildew Prevention System Component I** ½ gallon container should be rinsed three times with the rinsate added to the application equipment spray tank or mixing vessel (for more details, see "Container Disposal" under "STORAGE AND DISPOSAL" section of this label). Use the recirculation and/or gentle agitation, as described above under "Application Equipment" to uniformly disperse the **RoofReclaim! Mildew Prevention System Component I** spray solution.

Use a spray application pattern and rate that provides for complete and uniform coverage of a thin film of spray solution over the shingled surface area. The application pattern should be designed to avoid walking on treated areas which may become dangerously slick until they have completely dried.

NOTE: Refer to the enclosed brochure entitled **RoofReclaim! Mildew Prevention System Application Instructions** for additional information on application of the non-pesticidal transparent acrylic copolymer product **RoofReclaim! Mildew Prevention System Component II** and cleanup of shingled surfaces.

STORAGE AND DISPOSAL

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

Pesticide Storage: Keep out of reach of children and animals. Store in original containers only. Store in a cool, dry area and avoid temperatures below 32°F. Do not put this product or diluted material into food or drink containers. Do not contaminate other pesticides, fertilizers, water, food or feed by storage or disposal. In case of spill, confine spills using sand, clay, cat litter, dirt or other approved confinement materials. Place damaged container and collected spilled material in a holding container. Properly label contents in accordance with applicable Federal, state, and local regulations. Do not store under conditions which might adversely affect the container or its ability to function properly. Such conditions include, but are not limited to, positioning of the container in storage or transit, temperature, potential for crushing or damage due to stacking, and penetration of moisture.

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Pesticide Disposal: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by the use according to the label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Container Disposal: Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse as follows: Empty the remaining contents into application equipment spray tank or mixing vessel and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment spray tank or mixing vessel. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap or water after handling.

FIRST AID

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

If in eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly 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.
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PERSONAL PROTECTIVE EQUIPMENT (PPE)

Mixers, loaders, applicators, and other handlers must wear the following:

- long-sleeve shirt,
- long pants,
- shoes plus socks.

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.

Discard clothing and other absorbent material that have been drenched or heavily contaminated with the product's concentrate. Do not reuse them.

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USER SAFETY RECOMMENDATIONS

Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.

Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Users should remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This product is toxic to fish and aquatic invertebrates and may contaminate water through runoff. Do not apply directly to water. Do not contaminate water when disposing of equipment wash-waters or rinsate. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of the National Pollutant Discharge Elimination System (NPDES) Permit and the permitting authority has notified the local sewage treatment plant authority. For guidance, contact your state water board or regional office of the EPA.

TAMKO Building Products, Inc.
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Joplin, MO 64802-1404
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EPA Est. No. 70815-GA-001

U.S. Patent No. 5,599,586

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