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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

MAR 24 2009

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

Robin G. Todd, PhD, BCE
Agent for Garnik Industries, LLC
ICR, Inc.
1330 Dillon Heights Avenue
Baltimore, MD 21228-1199

Subject: Application to Add Bed Bugs Claims for Bedding Treated Products

PRO-TEK 50 Fabric/Apparel (Garment) Treatment
EPA Reg. No. 83122-1
Your submissions dated July 9, 2008 and December 5, 2008

Dear Dr. Todd:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable subject to the comments listed below. Two (2) copies of the finished labeling must be submitted prior to releasing the product for shipment. A stamped copy of the label is enclosed for your records.

1. The treated fabric products (bed band, dust ruffle, headboard backing, and box spring protector) must be produced without the addition of sizing or other fabric treatments.
2. The products must be made entirely of treated fabric, stitching, elastic, and zippers excluded.
3. Add statements to the front panel of the label clearly stating that:
 - a. the product will kill bed bugs that remain in contact with treated fabric for at least 24 hours.
 - b. the use of fabric treatments will reduce the effectiveness of the product.
4. Revise the following marketing claims as addressed below (additions to the marketing claims are underlined):
 - a. Kills bed bugs that [live][remain][stay] in contact with treated [bed band][dust ruffle][headboard backing][box spring protector]
 - b. Bed bugs may hide in your headboard and lay eggs
 - c. Treated fabric has no odor and is washable up to 20 times

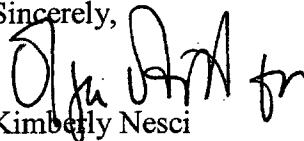
- 2/7
- d. Kills bed bugs between your box spring and mattress – (*for Box Spring Protector and Dust ruffle only*)
 - e. Kills bed bugs that hide in contact with treated headboard backing in your headboard corners, frame and folds
 - f. Kills bed bugs that [live] [remain] [stay] in contact with treated [bed band] [dust ruffle] [headboard backing] [box spring protector]. Insecticidal (killing) action remains effective for up to 20 washings.
5. The marketing claim “New” may be used for a period of 6 months from the date of first distribution.
 6. Revise the statement “Repellency to mosquitoes ... patio or umbrella covers...” to read “Repellency to mosquitoes ... patio umbrella covers...”

Please note that a notice of availability of EPA’s reregistration eligibility document (RED) for products containing permethrin was published in the FR on June 28, 2006 (Vol. 71 No. 124 pg. 36788). Additional data and/or labeling changes may be required for products containing permethrin.

The alternate formulation confidential statement of formula (CSF) dated 09/29/08 is acceptable. A copy of the CSF has been inserted in the file for the subject product.

If you have questions regarding this action, please contact Olga Odiott at (703) 308-9369.

Sincerely,



Kimberly Nesci
Interim Product Manager (13)
Insecticide Branch
Registration Division (7505P)

Enclosure

Master Label Pro-Tek 50 Fabric/Apparel (Garment) Treatment

Label Claims for Bed Bugs (NOT FOR USE AGAINST BED BUGS AS APPAREL OR GARMENTS)

◆ FOUR TREATED FABRIC PRODUCTS WHICH KILL BED BUGS ON & AROUND BEDS

1. Bed Band

Band of hemmed, treated fabric that wraps around all four sides of a mattress (band is 8 inches or wider depending on mattress thickness). Band is sewn along all four sides. Band is secured around mattress by Velcro® or other means at each end of band.

2. Dust Ruffle

Fabric section (a 'flat') covers top of box spring or foundation, beneath the mattress. Sewn to this flat is a drop or skirt that hangs from all four sides to the floor. The standard drop or skirt is 15 inches, but custom sizes are available to service market requirements.

3. Headboard Backing

Two-sided fabric formed by quilting or fusing technologies. Backing is attached to the back of the headboard by tacking or glue or is installed during manufacture. Several sizes are available.

4. Box Spring Protector

-Model A: Treated fabric covers top and sides of the box spring and is secured by gathered elastic stitched along the edge of the protector.

-Model B: The treated fabric is a pouch with a zipper along one side. The box spring is placed inside and zipped closed.

ACCEPTED

with COMMENTS

In EPA Letter Dated

MAR 24 2009

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

83122-1

- ◆ Kills bed bugs
 - ◆ Bed bugs come out to feed on human hosts
 - ◆ Bed bugs typically feed at night
 - ◆ Bed bugs may hide in your back board and lay eggs
 - ◆ Blood taken from humans is the food of bed bugs
 - ◆ Bed bug bites may cause welts which become irritated, inflamed and itchy
 - ◆ Bed bug colonies may cause offensive odors
 - ◆ Female bed bugs can lay over 200 eggs in their lifetime
 - ◆ Newly hatched bed bugs begin feeding immediately
 - ◆ Bed bugs have a piercing beak
 - ◆ Treated fabric has no odor and is washable
 - ◆ Kills bed bugs between your box-spring and mattress
 - ◆ Kills bed bugs that hide in your headboard corners, frame and folds
 - ◆ "New" (for allowable time frame)
- Kills bed bugs. Insecticidal (killing) action remains effective for up to 20 washings.

Master Label Pro-Tek 50 Fabric/Apparel (Garment) Treatment Hang Tag

Hang Tag on Outside of Apparel/Fabric (May be removed by consumer after purchase)

**PRO-TEK 50
Fabric/Apparel (Garment) Treatment**

This fabric/apparel (garment) has been treated with **PRO-TEK 50 Fabric/Apparel (Garment) Treatment** that contains the active ingredient permethrin.

[Kills Bed Bugs. Insecticidal (killing) action remains effective through 20 washings.]

[Repels Mosquitoes, Ticks, Flies, Chiggers, and Midges. Repellency remains effective through 25 washings.]

[Repellency remains effective for 25 washings for washable items: outerwear garments, sleeping bag covers, backpacks, decorative banners, outdoor furniture covers, outdoor furniture cushions, patio umbrellas, outdoor carpeting, ground cloths, horse blankets, bed netting, domestic animal care products (pet bedding, pet blankets and netting), and pet bandanas.]

[Repellency to mosquitoes remains effective for 6 months of exposure to weathering for non-washable items: tents, tarps, awnings, patio or umbrella covers, kennel covers, and stall covers.]

DO NOT DRY CLEAN

EPA Reg. No. 83122-1
EPA Establishment No. 084098-CHN-001

Active Ingredient:	
Permethrin	0.52 %
Other Ingredients:	<u>99.48 %</u>
Total	100.00 %

Manufactured by:
Garnik Industries, LLC
219 Scott Street, # 182
Beaufort, SC 29902-5554

DIRECTIONS FOR USE

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

Do not re-treat fabric or apparel (garment) with other permethrin insect repellent products.

[For repellency protection of skin exposed by treated apparel, use in conjunction with insect repellent approved for use by topical (direct) application to skin.]

Wash this product separately from other fabrics or apparel. Do not dry clean, as dry cleaning will remove the active ingredient.

Bed Bug Products Only:

1. Bed Band

Stretch bed band around edges of mattress and secure tightly using the Velcro® or other closures provided. Make sure that band is not positioned above the top of the mattress to avoid contact with persons lying on the bed.

2. Dust Ruffle

Remove mattress. Place over top of box spring or foundation so that it entirely covers it, with the skirt draping around all four sides. Replace the mattress on top of the covered box spring or foundation.

3. Headboard Backing

Remove headboard and place on floor, front side down. Attach backing to back of headboard by tacking or with glue. Reattach headboard to bed or hang on wall at head of bed as appropriate.

4. Box Spring Protector

Place box spring inside pouch so that it is completely enclosed in the treated fabric, then zip the pouch closed, or secure bottom edge of protector with stitched gathered elastic.

Storage and Disposal

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

Disposal: Discard in trash. Do not reuse.

[RETAIN THIS TAG FOR FUTURE REFERENCE ON PROPER HANDLING OF THIS APPAREL OR FABRIC. THIS TAG IS NOT TO BE REMOVED EXCEPT BY CONSUMER.]

Master Apparel Label: **Pro-Tek 50 Fabric/Apparel (Garment) Treatment**

Label (small tag) sewn inside apparel:

**PRO-TEK 50
Fabric/Apparel (Garment)
Treatment**

Do Not Dry Clean

[Kills Bed Bugs.
Insecticidal activity remains
Effective up to 20 washings]

[Repels Mosquitoes, Ticks,
Flies, Chiggers,
and Midges]

[Repellency remains
effective
through 25 washings]

----- (fold line) -----

Active Ingredient:
Permethrin 0.52 %

EPA Reg. No. 83122-1
EPA Est. No. 0840978-CHN-001

Discard in Trash.

Wash separately.

Refer to hang tag for more
information.