

81041-1

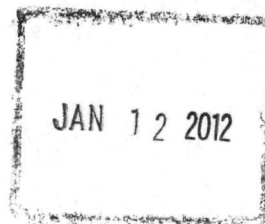
1/12/2012

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

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION



Mr. R. Bruce Jaeger
Agent for Bikel International, Inc.
2851 South Haven Road
Annapolis, MD 21401

Dear Mr. Jaeger:

Subject: Amendment to add additional use sites and pests
Expel™
EPA Registration Number 81041-1
Your submission dated August 2, 2011

The application referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable with the following comments:

Delete the following bullet "Items commonly made from Expel include...and kennel/stall coverings.". This is vague and misleading and many items are not fabric.

A stamped label is enclosed for your records.

If you have any questions regarding this action, please contact Linda A. DeLuise of my team at (703) 305-5428.

Sincerely yours,

Handwritten signature of Linda A. DeLuise in cursive.

Richard Gebken
Product Manager (10)
Insecticide Branch
Registration Division (7505P)

Enclosure

EXPEL™
Insect Repellent Fabric/Apparel

ACTIVE INGREDIENT:

Permethrin.

OTHER INGREDIENTS: (Fabric)

Total

ACCEPTED
with COMMENTS
In EPA Letter Dated:
JAN 12 2012
Under the Fungicide, Insecticide, and Plant Growth Regulator Act, as amended, for the pesticide registered under EPA Reg. No. 81041-1

% w/w*
0.52%
99.48%
100.00%

EPA Reg. No. 81041-1
EPA Est. No. 81041-CHN-001

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

- This fabric/apparel has been treated with permethrin insect repellent.
- Repels mosquitoes, ticks, ants, flies, chiggers and midges.
- Kills Bed bugs and Dust Mites.
- Do Not Dry clean – Dry cleaning removes active ingredient.
- Remains effective for 25 washings for washable items: outerwear garments, sleeping bag covers, backpacks, bed netting and domestic animal care products (pet bedding, blankets, and netting), and bedding products (bed band, bed skirt, dust ruffle, headboard backing, box spring protector, under mattress pad, under furniture pad, mattress liner, mattress cover, mattress pad, mattress protector and mattress encasements).
- Repellency to mosquitoes remains effective for 6 months of exposure to weathering for non-washable items: tents, tarps, awnings, patio umbrella covers, kennel covers and stall covers.
- Wash separately from other items.
- For protection of exposed skin, use in conjunction with an insect repellent registered for direct application to skin.
- Do not use for purposes other than originally intended.
- Items commonly made from Expel include: tents, shelters, truck covers, awnings, hunting blinds and nettings, hunting vests, sleeping bag shells, bedding products (such as mattress cover/shells/pads/protectors, mattress encasements/liners, bed band/skirt, dust ruffle, headboard backing, box spring protector, under mattress pad, under furniture pad), coats, jackets, coveralls, gaiters, chaps, hat bands, bibs, vinyl/polypropylene sheeting, carpeting and domestic animal care products (such as pet bedding, blankets, rugs, netting and kennel/stall coverings).

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.

[Bed Bug and Dust Mite 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 to persons lying on the bed.

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2. **Bed Skirt or 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 protector 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.
5. **Under Mattress Pad**
Place pad between mattress and box spring and secure with straps. If no box spring, lay strapless under mattress pad on surface directly beneath mattress.
6. **Under Furniture Pad**
Place pad under furniture and secure as directed.
7. **Mattress [Liner/Cover/Pad/Protector/Encasement]**
Fit mattress [Liner/Cover/Pad/Protector/Encasement] over bedding. Pull down on edges of [Liner/Cover/Pad/Protector/Encasement] to insure a tight fit against bedding. Place another surface such as a bottom sheet over mattress [Liner/Cover/Pad/Protector/Encasement].

Storage and Disposal

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

Disposal: Discard in trash when clothing/fabric or item is worn out. Do not reuse clothing/fabric for purposes other than originally intended.

In addition, for labeling that is not permanently affixed, the removal "hang-tag" label must state the following:

Retain this tag for future reference on proper handling of this fabric/garment. This tag must not be removed except by consumer.

Manufactured by Bikel International, Inc.
Chicago, IL

