



STERI-FAB[®]

APPLICATION GUIDE: BED BUGS



NISUS[®]

Better science for a better world.

STERI-FAB APPLICATION GUIDE: BED BUGS

(ALWAYS READ, UNDERSTAND AND FOLLOW THE LABEL, SDS AND REGULATIONS
BEFORE ANY APPLICATIONS.)

TOOLS

Adequate supply of Steri-fab:



Steri-fab®



PPE

Goggles or face shield
Long-sleeved shirt, long pants, socks, shoes
Chemical-resistant gloves

INSPECTION TOOLS AS NEEDED

Flashlight
Tweezers
Magnifying glass or jeweler's loop
Probe for checking narrow openings

APPLICATION EQUIPMENT AS APPROPRIATE FOR JOB

Standard hand spray equipment can be used.
Any standard industry sprayers with a nozzle that will produce a fine spray are acceptable.

OTHER

Possess any required government credentials to perform work
Notebook or electronic tablet for notes and service record documentation
Do not apply near flame or sparks.

INTRODUCTION

The massive global resurgence of bed bugs has taught us that bed bugs spread rapidly and are extremely difficult to control. Also known as *Cimex lectularius*, this public health pest became the scourge of hotels, dormitories, motels, short-term rentals, hospitals, libraries, nursing homes, senior living facilities and just about any place that humans visit, live, work or play.



DESCRIPTION

When bed bugs reappeared, they presented a plethora of challenges to control and elimination. Very few products were labeled for bed bugs and even fewer control products could be used on their main area of residence: the bed.

Steri-fab filled a void in the market because it had a broad label and could be applied to many sensitive sites and soft surfaces such as beds, upholstered furniture and carpets.



Steri-fab's dual action kills bed bug adults, nymphs and eggs, and also eliminates bacteria and other microbes on surfaces while deodorizing at the same time. Its multi-use nature led to Steri-fab rapidly becoming one of the most versatile and effective control products for any bed bug situation.

CONTROLLING BED BUGS

Bed bugs will usually hide during the day and come out at night to feed. Both female *and* male bed bugs must feed on blood for the insect to grow. Bed bugs do not consume any other food besides blood. This characteristic means that bed bugs will always be in close proximity to their host, which is primarily humans. When humans are not available, bed bugs may feed on pets, though this is less frequent. Bed bugs can wait for up to a year for a blood meal if needed, making elimination even more difficult.



Inspection: As with all pest-specific issues, the first and most important step is to use an integrated pest management (IPM) approach that implements proper inspection and identification followed by physical and mechanical methods of removal (such as vacuuming) in order to reduce pesticide use.

APPLICATION

Bed Bugs: Prior to application, remove and enclose all clothing and bedding in bed bug-proof material such as a plastic bag. Ask the customer to launder any removed linens or clothing in hot water and in a hot dryer before

use. Depending on the circumstances (size and materials), throw pillows may be bagged with clothing or treated directly.

Apply Steri-fab at full strength directly on live bed bugs and bed bug eggs. Treat all surfaces of confirmed or suspected areas, including crevices of all furniture and mattresses (paying special attention to all creases, folds, seams and tags), carpets, bed frames, behind headboards, cracks and crevices near furniture, and any crack or crevice that may harbor bed bugs.

Spray surfaces thoroughly to assure effective control.

Spray coverage varies from 4-8 ounces for mattresses and upholstered surfaces (see label for more details). Ventilate the area while the product is drying so that surfaces are dry before leaving.

There is no residual pesticidal protection, thus reapplication is necessary when live bed bugs are found. While Steri-fab can be used in conjunction with heat treatments, do not treat while heaters are in operation to avoid flame or spark.



Microbes on soft surfaces: A major advantage of Steri-fab is that it disinfects and kills microorganisms on soft surfaces, while simultaneously killing bed bugs.

Spray the product approximately one foot from the surface until the surface is thoroughly wet. To properly kill pathogens, the treated surface must remain wet for 10 minutes. If the surface dries before 10 minutes, reapply to ensure the surface is wet for the full 10 minutes.

Note: For heavily soiled areas, a preliminary cleaning is required. Avoid breathing spray. There is no residual, so

reapplication is necessary if new microorganisms are introduced.



CONCLUSION

With its ease of use and the added bonus of dual action against bed bugs and microbes, it's no wonder Steri-fab is a powerful tool for pest management professionals. That's why PMPs have trusted Steri-fab to control bed bugs for more than 50 years.



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