

# Stryker 54

## Aerosol Contact Insect Spray

Provides Fast Knockdown & Kill. Can Be Used as a Contact or Space Spray.

### KILLS:

Ants, Bed Bugs, Bees, Carpet Beetles, Clothes Moths, Cockroaches, Fleas, Flies, Fruit Flies, Gnats, Grain Mites, Hornets, House Flies, Indian meal moths, Mosquitoes, Spiders, Ticks and Wasps

### FOR USE IN:

Apartments, Campgrounds, Food Storage Areas, Homes, Hospitals, Hotels, Motels, Nursing Homes, Resorts, Restaurant, and other Food Handling Establishments, Schools, Supermarkets, Transportation Equipment (Buses, Boats, Ships, Trains, Trucks and Aircraft – Cargo Areas Only), Utilities, Warehouses and other Commercial and Industrial Buildings.

See use restrictions for individual sites under Directions for Use

### ACTIVE INGREDIENTS:

Pyrethrins .....	0.50%
Piperonyl Butoxide *.....	4.00%
OTHER INGREDIENTS† .....	95.50%
<b>TOTAL: 100.00%</b>	

†Contains petroleum distillate.

Contains no CFCs or other ozone depleting substances. Federal regulations prohibit CFC propellants in aerosols.

\*Equivalent to (butylcarbityl) (6-propylpiperonyl) ether and related compounds



ADAMA  
Consumer &  
Professional  
Solutions

Manufactured for:  
Control Solutions, Inc.  
5903 Genoa Red Bluff  
Pasadena, TX 77507

EPA Reg. No: 53883-329  
EPA Est. No: 53883-TX-002  
Net Contents: 15 OUNCE

## KEEP OUT OF REACH OF CHILDREN CAUTION

### FIRST AID

IF  
SWALLOWED:

- Immediately call a poison control center or doctor for treatment advice.
- Do not induce vomiting unless told to do so by a poison control center or doctor.
- Do not give any liquid to the person.
- Do not give anything by mouth to an unconscious person.

NOTE TO PHYSICIAN: Contains petroleum distillate. Vomiting may cause aspiration pneumonia.

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact SafetyCall® International at (866) 897-8050 for emergency medical treatment information.

## PRECAUTIONARY STATEMENTS

## HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Contains petroleum distillate. Harmful if swallowed. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Wear: Long-sleeved shirt and long pants, socks, and shoes.

Personal Protective Equipment (PPE):

Applicators and other handlers must wear the following: long-sleeve shirt, long pants, shoes and socks.

In addition to the above PPE, applicators applying this product as a space spray in an enclosed area must wear a half-face, full-face or hood-style NIOSH-approved respirator with: any N, R, or P filter with approval prefix TC-84A, or a gas mask with a canister filter with NIOSH approval prefix TC-14G, or a NIOSH-approved powered air purifying respirator (PAPR) with HE filter.

### User Safety Requirements

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 materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

### User Safety Recommendations

Users should:

- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash thoroughly and change into clean clothing as soon as possible.

## ENVIRONMENTAL HAZARDS

This product is toxic to aquatic organisms, including fish and invertebrates. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. This product may contaminate water through runoff. This product has a potential for runoff for several months or more after application. Poorly drained soils and soils with shallow water tables are more prone to produce runoff that contains this product. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark.

This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are foraging the treatment area.

## PHYSICAL OR CHEMICAL HAZARDS

Flammable. Contents under pressure. Keep away from heat, sparks, and open flame. Do not puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting.

Do not mix, store near, or allow the product to come into contact with oxidizing agents as a hazardous chemical reaction may occur.

## SHAKE WELL BEFORE USE DIRECTIONS FOR USE

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.

Apply this product only as specified on the label.

## USE RESTRICTIONS

- Not for use in outdoor residential misting systems (indoor or outdoor) or metered release, devices.
- Product should only be used when can temperature is above 60°F. If can temperature is below 60°F, store at room temperature until a temperature above 60°F is reached.
- Only protected applicators may be in the treatment area during application.
- Do not apply this product in a way that will contact workers or other persons, either directly or through drift.
- Use only with the supplied actuator and injection tubes or other application equipment approved by the registrant.
- Remove pets, birds, cover fish aquariums and turn off air pump motor before application.
- Do not allow spray to contact plastic, painted or varnished surfaces or directly into electronic equipment such as radios, TVs, computers etc.
- When used as a direct or space spray, do not enter or allow others to enter treated area until sprays have dried.
- Do not apply more than 1 time per day.
- Remove or cover exposed food and drinking water, in the treatment area, before application.
- Remove or cover dishes, utensils, food processing equipment, and food preparation surfaces in the treatment area, or wash them before use.
- For space sprays:
  - Do not allow adults, children or pets to enter the treated area for at least 15 min., until vapors, mists and aerosols have dispersed and the treated area has been thoroughly ventilated.
  - Do not remain in the treated area. Exit area immediately and remain outside the treated area until aerosol, vapors and/or mists have dispersed.
- Do not wet articles to point of runoff or drip.
- Do not wet plants to the point of runoff or drip.
- Do not water the treated area to the point of runoff.
- Do not use treated article until spray has dried.
- For direct application to clothing, dry clean treated clothes before wearing.
- When used in food handling and processing facilities: Do not make space spray applications while facility is in operation. Prior to space spray applications, cover or remove food and cover food processing surfaces, in the treatment area, or clean after treatment and before use. Do not use in aircraft cabins.
- When used in dairy barns or facilities: Close milk bulk tank lids to prevent contamination from spray and from dead or falling insects. Remove or cover milking utensils before application. Wash teats of animals before milking.
- Do not apply this product in hospital rooms while occupied or in any rooms occupied by the elderly or infirm. Remove patients, from room prior to treatment and thoroughly ventilate (2 hr) after application. Do not return patients to room until, after ventilation.
- Do not use in patient rooms in hospitals and nursing homes for treatment of bed bugs.
- Do not apply to classrooms when in use.
- Do not make outdoor applications during rain.
- Residential Outdoor Surface and Space Sprays, Except for Outdoor Fogging Devices: All outdoor applications must be limited to spot or crack and crevice application only, except for the following permitted uses:
  - Treatment to soil or vegetation around structures;
  - Applications to lawns, turf and other vegetation;
  - Applications to building foundations, up to a maximum height of 3 feet;

- Other than applications to building foundations, all outdoor applications to impervious surfaces such as sidewalks, driveways, patios, porches and structural surfaces (such as windows, doors and eaves) are limited to spot and crack-and-crevice applications only.
- Application is prohibited directly into sewers or drains, or to any area like a gutter where drainage to storm sewers, water bodies or aquatic habitat can occur. Do not allow the product to enter any drain during or after application.

### APPLICATION INSTRUCTIONS

Apply according to specific directions for pest(s) to be treated.

**CRACK AND CREVICE APPLICATION:** Inject this product into cracks and crevices or void spaces where insects may be harboring, living and breeding. Place injector tip into cracks, crevices, holes and other small openings. Apply product for 1 sec. For light infestations, move injector tip along cracks while treating at the rate of 3 ft/sec. For heavy infestations, move injector tip along at 1 ft/sec. For treatment of inaccessible voids (including wall and equipment voids), calculate the void's cubic area and treat at the rate of 3 – 5 sec/3 ft<sup>3</sup>. Several holes may be required in long-running voids.

**DIRECT SPRAY:** Apply the product in short bursts into the area where insects are to be contacted such as corners of the room, behind and under furniture or equipment. Apply from a distance of 18 – 24" from the surface and allow the material to drift to the area to be treated. The amount of product applied is not to exceed 10 sec/room for residential areas or 10 sec/100 ft<sup>2</sup> for commercial areas.

**SPACE SPRAY:** Turn off air conditioners, fans, close doors and windows before treating. Calculate the cubic footage of the area to be treated and apply as follows: Flying Insects: Apply at the rate of 1 – 3 sec/1,000 ft<sup>3</sup>. Crawling Insects: Apply at a rate of 20 sec/1,000 ft<sup>3</sup>. Disperse toward areas suspected of harboring the greatest insect infestations. Disperse in all locations contacting as many insects as possible. Keep area closed for 15 minutes. Open and thoroughly ventilate before reoccupying.

### INDOOR USE

Apply this product as a Crack & Crevice treatment, space spray and/or direct spray. Apply according to the Application Instructions unless otherwise instructed below.

CLUSTER FLIES, CLOVER MITES, FLIES, FRUIT FLIES, GNATS, HOUSE FLIES, MOSQUITOES, SMALL FLYING MOTHS AND STABLE FLIES, WASPS AND BEES: Perform directed spray and/or void treatments in infested areas. INSIDE STRUCTURAL VOIDS: Locate all insect entrances and close all but one opening. Apply product through that opening.

ANTS, BOOKLICE, CLOVER MITES, CRICKETS, MILLIPEDES, ROACHES, SILVERFISH, SOWBUGS AND SPIDERS: Treat harborage areas such as behind baseboards, sinks, cabinets, meter boxes, door frames, corners of rooms and windows. Open and thoroughly ventilate the treated area before reoccupying.

BED BUGS: Take bed apart. Treat joints and channels if hollow, such as square or round tubing, and see that the interior framework is treated. Treat mattresses, especially tufts, folds, and edges. Cover mattresses with clean bedding before use. When bed bugs are found in upholstered furniture, apply only to the infested tufts, seams, folds, and edges and underneath all areas, but DO NOT apply to flat surfaces where human contact will occur. Apply as a Crack & Crevice treatment to all baseboards, moldings, beneath floor coverings and carpets, closets, shelves, curtains, furniture, and picture frames. Direct spray into areas where bed bugs harbor. DO NOT use in patient rooms in hospitals and nursing homes for treatment of bed bugs. Reapply every 7 to 10 days, as needed, until infestation is eliminated.

CARPET BEETLES (in Residences): Hold product 36" above floor and direct spray toward floor and lower walls, treating at the rate of 10 sec/100 ft<sup>2</sup>. Also apply as a Crack & Crevice treatment to cracks and crevices near the source of the infestation.

CLOTHES MOTHS: Locate source of infestation. Apply to nearby cracks and crevices and perform a space treatment of the infested area at the rate of 5-10sec/1,000 ft<sup>3</sup>.

STORED PRODUCT PESTS – for exposed adult and larval stages of Angoumois Grain Moths (crawling), Carpet Beetles, Chocolate Moths, Cigarette Beetles, Confused Flour Beetles, Drugstore Beetles, Grain Mites, Granary Weevils, Grain Mites, Granary Weevils, Indian Meal Moths, Mediterranean Flour Moths (flying), Red Flour Beetles, Rice Weevils and Sawtoothed Grain Beetles: Apply as a Crack & Crevice, direct spray, or space spray treatment into cracks and crevices/corners of pantries, cabinets, food processing and handling equipment and other places where insects harbor. Apply around cartons, containers and other areas where these insects tend to congregate.

FLEAS IN BUILDINGS: Hold product 36" above floor and direct spray toward floor and lower walls at the rate of 10 sec/100 ft<sup>2</sup>. Ensure that the underneath and lower surfaces of furniture are contacted. Keep area closed for 15 minutes. Open and thoroughly ventilate before reoccupying. Repeat treatment after 7 days if necessary.

TICKS: Hold container 36" above the floor and direct spray toward pet beds and resting quarters, treating at the rate of 10 sec/100 ft<sup>2</sup>. Apply as a Crack & Crevice treatment into adjacent cracks and crevices such as behind baseboards and edges of carpet and floor covers. Treat higher cracks such as upper door jams and window framing, behind pictures and other areas where females may crawl to lay eggs.

### **FOOD AREAS OF FOOD HANDLING ESTABLISHMENTS**

Food handling establishments are places other than private residences in which food is held, processed, prepared or served.

FOOD AREAS: Include areas for receiving, serving, storing (dry, cold, frozen, raw), packing (canning, bottling, wrapping, boxing), preparing (cleaning, slicing, cooking, grinding), edible waste storage and enclosed processing systems (mills, dairies, edible oils, syrups).

NON-FOOD AREAS: Include areas such as garbage rooms, lavatories, floor drains (to sewers), entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, garages, mop closets and storage areas (after canning or bottling).

Apply according to specific directions for pest(s) to be treated as specified in the Indoor Use section above. Do not make space spray applications to food areas when the facility is in operation. Prior to space spray applications, cover or remove exposed food and cover food processing surfaces, in the treatment area, or clean after treatment and before use.

### **OUTDOOR USE**

FLIES, GNATS AND MOSQUITOES – GROUND APPLICATION: Treat landscapes and open areas around residence, outer buildings and in campgrounds. Apply at a rate of 5 -15 sec/1,000 ft<sup>2</sup>. Apply in wide swaths across the area to be treated. Allow treatment to penetrate dense foliage. Best results are obtained when wind speed is 5 mph or less.

BEEES, FLIES, CLUSTER FLIES, CLOVER MITES, MUD DAUBERS AND WASPS: Apply directly on insects and their nests from approximately 18". Disperse into hiding and breeding places (voids) contacting as many insects as possible.

### **STORAGE AND DISPOSAL**

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

**PESTICIDE STORAGE:** Store in a cool, dry (preferably locked) area away from heat or open flame that is inaccessible to children and pets.

**PESTICIDE DISPOSAL:** Wastes resulting from use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER HANDLING:** Do not puncture or incinerate! If empty: Place in trash or offer for recycling if available. If partly filled: Call your local solid waste agency for disposal instructions.

### **LIMITATION OF WARRANTY AND LIABILITY**

Read the entire direction for use, conditions of warranties and limitations of liability before using this product. If terms are not acceptable, return the unopened product container at once. By using this product, user or buyer accepts the following CONDITIONS, DISCLAIMER OF WARRANTIES, and LIMITATIONS OF LIABILITY.

**CONDITIONS:** The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risk associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Control Solutions, Inc. To the extent consistent with applicable law, all such risks shall be assumed by the user or buyer.

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