



U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (H7505C)  
401 "M" St., S.W.  
Washington, D.C. 20460

EPA Reg. Number:  
11715-  
312

Date of Issuance:

26 OCT 1995

NOTICE OF PESTICIDE:  
  X   Registration  
       Reregistration

(under FIFRA, as amended)

Term of Issuance: Conditional

Name of Pesticide Product: Speer D-  
Trans Residual Spray  
With Nylar

Name and Address of Registrant (include ZIP Code):

Speer Products  
4242 B.F. Goodrich Blvd.  
P.O. Box 18993  
Memphis, TN 38181-0993

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.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

2. Make the following label changes:

- a. Revise the EPA Registration Number to read, "EPA Reg. No. 11715-312".
- b. Change the statements, "Do not apply while xxx traces of contamination." to read " Do not use in food areas of food handling establishments, restaurants or other areas where food is commercially prepared or processed. Do not use in serving areas while food is exposed or facility is in operation. Not for use in USDA Meat and Poultry Plants.", must appear on the label.
- c. Change the statement, "Avoid contact with skin or eyes." to read "Avoid contact with skin, eyes or clothing.".

Signature of Approving Official:

RPK

Date:

26 OCT 1995

d. Delete Fire ants from the label.

3. Submit two (2) copies of the revised final printed label for the record.

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.

A stamped copy of the label is enclosed for your records.

Sincerely,

RPK

Richard P. Keigwin, Jr.  
Product Manager 10  
Insecticide & Rodenticide Branch  
Registration Division (7505C)



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### SPEER D-TRANS<sup>®</sup> RESIDUAL SPRAY WITH NYLAR<sup>®</sup>

[ ] or ( ) indicates alternate or optional wording

[Speer D-TRANS<sup>®</sup> Residual Spray with Nylar<sup>®</sup>] is an insect growth regulator similar to the naturally occurring insect growth hormones which interferes [stops] their growth or development.

[Speer D-TRANS<sup>®</sup> Residual Spray with Nylar<sup>®</sup>] stops [prevents] the flea and cockroach from developing into egg laying adults.

[Speer D-TRANS<sup>®</sup> Residual Spray with Nylar<sup>®</sup>] can be used as part of an integrated pest management [IPM] program.

[Speer D-TRANS<sup>®</sup> Residual Spray with Nylar<sup>®</sup>] can be a biorational approach to insect control

[Speer D-TRANS<sup>®</sup> Residual Spray with Nylar<sup>®</sup>] keeps working in areas exposed to the sun.

Inhibits reinfestation by fleas for up to 210 days [30 weeks] [7 months]

Kills adult and preadult fleas, including flea eggs for 210 days [30 weeks] [7 months]

If adult fleas are introduced from untreated areas, their offspring will not become biting [reproductive] adults

Prevents larval fleas from developing into the biting adult stage

Prevents [stops] hatching fleas [preadult (larval) fleas] [eggs (hatching eggs) (larvae)] from becoming full grown [developing into] biting adults

One treatment works for 210 days [30 weeks] [7 months] against hatching fleas [preadult (larval) fleas] [eggs (hatching) eggs] (larvae)

Kills present [today's] fleas and prevents new [tomorrow's] fleas from growing up to bite

[Speer D-TRANS<sup>®</sup> Residual Spray with Nylar<sup>®</sup>] activity keeps working on fleas for 210 days [30 weeks] [7 months]

Controls [stops (kills)(prevents)] stages of fleas that don't look like adult fleas

Prevents [stops] the emergence of adult fleas

Flea eggs deposited on treated areas will not develop into adult fleas

Larvae crawling onto treated areas will not develop into adult fleas

[Speer D-TRANS<sup>®</sup> Residual Spray with Nylar<sup>®</sup>] acts on the immature life stage of the flea, preventing it from developing

into biting adults  
Effective long term control

Inhibits reinfestation by cockroaches for up to 180 days [26 weeks] [6 months]

Kills [controls] existing cockroaches and effectively breaks the cockroach life cycle

Works with nature to interrupt [break] the life cycle of the roach effectively controls [eliminates] cockroach populations by preventing reproduction [thereby eliminating future generations]

[Speer D-TRANS<sup>®</sup> Residual Spray with Nylar<sup>®</sup>] stops cockroaches from generating reproductive offspring for 180 days [26 weeks] [6 months]

Prevents [stops][inhibits] nymphal cockroaches from becoming adults [breeding adults] [reproductive adults] [egg laying adults]

[Speer D-TRANS<sup>®</sup> Residual Spray with Nylar<sup>®</sup>] works for 180 days [26weeks] [6 months] against hatching cockroaches [nymphal] (preadult) cockroaches] [hatching eggs (nymphs)]

Kills Ticks, Spiders, Ants, and other listed insects  
Also kills [controls] Deer Ticks and other Ixodid species that may carry and transmit Lyme Disease  
Effective long term [residual] control

#### ACTIVE INGREDIENTS:

d-trans allethrin.....	0.05%
N-Octyl bicycloheptene dicarboximide*.....	0.40%
Chlorpyrifos [0, 0-diethyl 0-(3,5,6-trichloro-2-pyridyl) phosphorothioate]**.....	0.50%
2-[1-Methyl-2-(4-phenoxyphenoxy) ethoxy] pyridine.....	0.02%

#### INERT INGREDIENTS:†

.....99.03%

\*MGK<sup>®</sup> 264, Insecticide Synergist

\*\*U.S. Patent No. 3,244,586

†Contains petroleum distillate

D-TRANS, NYLAR, MGK<sup>®</sup> - Registered trademarks of McLaughlin Gormley King Co

#### STATEMENT OF P

**IF SWALLOWED:** Call

Center immediately. Do not induce vomiting. Aspiration pneumonia hazard.

**IF IN EYES:** Flush with water. Get medical attention if irritation persists.

**IF ON SKIN OR CLOTHING:** Wash clothing and wash before wearing.

**IF INHALED:** Remove to fresh air and call a physician.

#### PRECAUTIONS

##### HAZARDS TO HUMAN HEALTH

Harmful if swallowed or inhaled. Do not breathe vapors or dust.

Aspiration pneumonia hazard. Avoid contact with skin and eyes.

Flush with plenty of water. Obtain medical attention if necessary.

Avoid contamination of food and feed.

**NOTE TO PHYSICIAN:** This product is a cholinesterase inhibitor. Treat symptoms with atropine.

antidote of choice

Do not apply while food is being processed.

remove all food processing surfaces, including

bakeries, meat packing plants, and all benches, shelving, equipment

will be handled must be thoroughly cleaned with this compound followed by a

traces of contamination. In the home, all food processing surfaces should

be covered during treatment. Exposed food should be discarded.

Remove pets, birds, and children from area during spraying.

#### PHYSICAL OR CHEMICAL

Contents under pressure. Do not puncture or burn.

Exposure to temperatures above 100°F may cause container to rupture.

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

NET CONTENTS: \_\_\_\_\_

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Kills [controls] insects [on contact (residually)] [such as]: Cockroaches, [adults (nymphs)], Smoky Brown Cockroach [adults (nymphs)], Brown Banded Cockroach [adults (nymphs)], Asian Cockroach [adults (nymphs)], German Cockroach [adults (nymphs)], American Cockroach [adults (nymphs)], Australian Cockroach [adults (nymphs)], Oriental Cockroach [adults (nymphs)], Crickets [adults (nymphs)], Palmetto Bugs, Waterbugs [adults (nymphs)], Sowbugs, Millipedes, Beetles, Ground Beetles, Elm Leaf Beetle, Boxelder Bug, Earwigs, Lice, Pillbugs, Centipedes, Clover Mites, Spiders, Scorpions, Dust Mites, Fleas [adults (larvae) (eggs) (preadult)], Ticks [that may carry and transmit Lyme Disease], Brown Dog Ticks, Lone Star Ticks, Deer Tick, Other Ixodid species, American Dog Tick, Gulf Coast Tick, Foraging Ants [Fire Ants] [Pharaoh Ants], Carpenter Ants [Eastern (Western)].

Granary Insects: Cadellles, Rice Weevils, Flat Grain Beetles, Flour Beetles, Cigarette Beetle, Confused Flour Beetle, Drugstore Beetle, Lesser Grain Borer, Merchant Grain Beetle, Saw-toothed Grain Beetle, Grain Weevils, Warehouse Beetle, Red Flour Beetle, Grain Mites, Cheesemites.

Carpenter Bees, Carpet Beetles [Dermestids (Trogoderma)], Flies, Midges, Flying Moths, Horn Fly, Indian Mealworm, Gnats, Cluster Fly, Mosquitoes, Sciarid Fly, Firebrat, Silverfish, Clothes Moths, Booklice, Woodborers (exposed stages), Almond Moth, Chocolate Moth, Tobacco Moth, Indian Meal Moth, Angoumois Grain Moth.

For use in [including, but not limited to] [such as]: Airplanes, Apartments, Ant Hills, Atriums, Attics, Automobiles, Basements, Bathrooms, Bedrooms, Boats, Bookcases, Buses, Cabins, Cafeterias, Campers, Campsites, Carpets, Cat Sleeping Quarters, Chests, Closed Barns, Closed Porches, Closets, Clothes Storage, Commercial Buildings, Condominiums, Crematoriums, Day Care Centers, Decks, Dens, Dog Houses, Dormitories, Draperies, Drive-Ins, Drugstores, Factories, Food Plants, Furniture, Garages, Garbage Cans, Gazebos, Homes, Hospitals, Hotels, Household Contents, Indoor Eating Establishments, Industrial Plants, Institutions, Jails, Kennels, Kitchens, Lanais, Living Rooms, Locker Rooms, Mausoleums, Mess Halls, Mobile Canteens, Mobile Homes, Morgues, Motels, Nursing Homes, Office Buildings, Other Public Buildings, Outdoor Eating Establishments, Patios, Pet Bedding, Pet Grooming Parlors, Pet Sleeping Areas, Pet Stores, Pet

Carriers, Play Houses, Play Rooms, Porches, Prisons, Railroad Cars, Quonset Huts, Recreation Vehicles, Recreational Areas, Restaurants, Rooms, Rugs, Schools, Ships, Solariums, Sports, Stadiums, Storage Areas, Sun Porch, Sun Rooms, Supermarkets, Taverns, Theaters, Trailers, Trains, Transportation Vehicles, Tree Houses, Trucks, Utility Rooms, Verandas, Veterinaries, Warehouses, Washrooms and Zoos.

[Speer D-TRANS<sup>®</sup> Residual Spray with Nylar<sup>®</sup>] contains a combination of three active ingredients that stops [blocks][interrupts][terminates] the flea life cycle in three ways and controls [kills] other listed insects. The first insecticide is [Speer Nylar<sup>®</sup> EC] an insect growth regulator, that will not allow the flea to reproduce viable offspring thereby providing long term [residual] control. [Speer Nylar<sup>®</sup> EC] inhibits development of the immature stages of the flea for 210 days [30 weeks][7 months] preventing them from reaching the biting adult stage. [Speer Nylar<sup>®</sup> EC] is similar to insect growth hormones that occur naturally in insects causing interference with the flea's growth and development

The second active ingredient is d-trans allethrin, a highly active non-residual insecticide which provides effective, quick-kill and rapid knockdown of insects upon direct contact and Chlorpyrifos, the third active ingredient, provides residual activity.

The combination of ingredients [in this product] [Speer D-TRANS<sup>®</sup> Residual Spray with Nylar<sup>®</sup>] kills both adult and hatching fleas [preadult (larval) fleas] [eggs (hatching eggs)(larvae)]. Kills hatching fleas [preadult (larval) fleas] [eggs (hatching eggs)(larvae)] before they grow up to bite. [Speer Nylar<sup>®</sup> EC], the insect growth regulator in this spray, continues to kill [control] hatching fleas [preadult (larval) fleas] [eggs (hatching eggs)(larvae)] for 210 days [30 weeks][7 months] by preventing their development into the adult biting stage. [Speer D-TRANS<sup>®</sup> Residual Spray with Nylar<sup>®</sup>] can be used to control [kill (interrupt)(terminate) (block)] fleas hidden in carpets, rugs, draperies, upholstery, pet bedding, floors, cracks and crevices, and cabinets. Occasionally, adult fleas may be present [observed] in treated areas when reintroduced from infected animals.

To protect your pet against and to minimize reintroduction of adult fleas from outdoors, use EPA registered flea and tick

products, [such as][brand name] flea or flea and tick collar, [brand name] pet powder, [brand name] pet spray, [brand name] pet dip, [brand name] pet shampoo, flea shampoo or flea and tick shampoo, in conjunction with this application and prior to re-entry

[As part of a complete flea control program use EPA registered [brand name] outdoor [lawn][home and garden] spray, [brand name][pressurized] flea and tick [indoor][premise] spray.]

[Speer D-TRANS<sup>®</sup> Residual Spray with Nylar<sup>®</sup>] will inhibit [stop] the cockroaches' natural ability to reproduce, thereby eliminating future generations and contains an active ingredient [adulticide] that kills existing cockroaches. This powerful [effective] formula reaches cockroaches through cracks and crevices to kill them where they hide. Cockroaches exposed to [Speer Nylar<sup>®</sup> EC] will have crinkled [twisted] wings, showing it has affected the population and that these cockroaches cannot reproduce. Immature cockroaches [nymphs] are prevented from developing into reproductive adults, thereby effectively breaking the cockroach life cycle. [Speer D-TRANS<sup>®</sup> Residual Spray with Nylar<sup>®</sup>] inhibits the cockroach's natural ability to reproduce future generations for 144 days [24 weeks][6 months] by preventing [stopping][inhibiting] nymphal cockroaches from becoming adults [breeding adults] [reproductive adults] [egg laying adults].

#### DIRECTIONS FOR USE

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

READ ALL DIRECTIONS COMPLETELY BEFORE USE

SHAKE WELL BEFORE USE. Hold container upright and spray as directed

For best results, follow directions for specific use areas. Do not use this product in or on electrical equipment due to possibility of shock hazard. Do not use on animals. Avoid excessively wetting furniture and carpeting. Always test in an inconspicuous [hidden] area prior to use as some natural and synthetic fibers may be adversely affected by any liquid

FLEA AND TICK CONTROL

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FOR SURFACE AND CARPET SPRAY: Prior to application, thoroughly vacuum all carpeting, upholstered furniture, along baseboards, under furniture and in closets. Put vacuum bag into a sack and dispose of in outside trash. Apply uniformly to rugs, carpets, draperies and all surfaces of upholstered furniture. Treat under and around furniture if pets frequently rest in these areas. Avoid excessively wetting upholstered furniture and draperies. A fine spray applied uniformly is all that is necessary to kill fleas. To kill ticks and other labeled insects, apply directly to pests. Do not allow children or pets to walk on treated surfaces until completely dry. Do not spray on pets or humans.

FOR USE IN VEHICLES: If flea infested animals are transported in vehicles, use as directed above to control the infestation

For best results, to protect your pet against and to minimize reintroduction of adult fleas from outdoors, use EPA registered flea and tick products, [such as][brand name] flea or flea and tick collar, [brand name] pet powder, [brand name] pet spray, [brand name] pet dip, [brand name] pet shampoo, flea shampoo or flea and tick pet shampoo], in conjunction with this application and prior to re-entry. Repeat as necessary

[Use [Speer D-TRANS\* Residual Spray with Nylar\*] with [brand name] for particularly heavy flea infestations. As part of a complete flea control program use EPA registered [brand name] outdoor [lawn] [home and garden] spray, [brand name] pressurized flea and tick [indoor] [premise] spray ]

FOR USE IN PET AREA: Treat pet bedding and other pet resting places as these are primary hiding areas for fleas and ticks. No need to remove pet bedding after treatment. To reduce infestation, spray around sleeping area, around baseboards, window and door frames, wall cracks, local areas of floors and other resting places until the surface is slightly moist. Also spray the entire inside surface of dog houses and kennels. Do not allow pets to use treated areas until completely dry. Repeat as necessary

For best results, to protect your pet against and to minimize reintroduction of adult fleas from outdoors, use EPA registered flea and tick products, [brand name] flea or flea and tick collar, [brand name] pet powder, [brand name] pet

spray, [brand name] pet dip, [brand name] pet shampoo, flea shampoo or flea and tick pet shampoo, in conjunction with this application and prior to re-entry. Repeat as necessary

FOR COCKROACH CONTROL:

Cockroaches [adults (nymphs)] [Smokey Brown Cockroach, Brown Banded Cockroach, Asian Cockroach, German Cockroach, American Cockroach, Australian cockroach, Oriental Cockroach] Waterbugs, Palmetto Bugs:

[CRACK AND CREVICE SPRAY: Apply spray in small amounts directly into cracks and crevices. Special attention should be paid to areas such as behind baseboards, connection areas around drains, pipes, behind and beneath sinks, stoves, plumbing and other visible cracks and crevices. Spray these areas thoroughly being certain that spray penetrates well. Retreat 30 days after first application. Care should be taken to avoid depositing this product onto exposed surfaces or introducing the material into the air. Avoid contamination of food or food handling surfaces ]

[CONTACT APPLICATION: Contact as many insects as possible with this spray in addition to thorough spraying of all parts of the room suspected of harboring these pests. Special attention should be paid to hiding places such as beneath sinks, behind and beneath stoves and refrigerators, around garbage cans, cabinets, along the outside of baseboards, door sills, frames and floors, around and on drains, pipes, plumbing, behind bookcases, storage and other utility installation areas, contacting insects with spray whenever possible. Retreat 30 days after first application ]

Use [Speer D-TRANS\* Residual Spray with Nylar\*] with [brand name] for particularly heavy roach infestations

FOR CONTROL OF Crickets, firebrat, silverfish, Booklice, Dust Mites, Scorpions, Spiders, Centipedes, Sowbugs, Pillbugs, Earwigs, Clover Mites, Lice, and Millipedes

Contact as many insects as possible with this spray in addition to thorough spraying of all parts of the room suspected of harboring these pests. Special attention should be paid to hiding places such as beneath sinks, behind and beneath stoves and refrigerators, around garbage cans, cabinets, along the outside of baseboards, door sills, frames and floors, around and on drains, pipes, plumbing, behind bookcases, storage and other utility installation areas,

contacting insects with spray whenever possible. Repeat as necessary

EXPOSED STAGES of Flour Beetles, Cadelles, Rice Weevils, Flat Grain Beetles, Cigarette Beetle, Confused Flour Beetle, Drugstore Beetle, Lesser Grain Borer, Merchant Grain Beetle, Saw-toothed Grain Beetle, Grain Weevils, Warehouse Beetle, Red Flour Beetle, Grain Mites, Cheesemites and Indian Mealworm. Find and dispose of infested packaged goods. Remove all other items from pantry, shelves and drawers and clean thoroughly. Spray into cracks and crevices, shelves, drawers and cabinets and other areas where these insects tend to congregate. Place clean paper on the shelves and return packages after the spray has dried. Repeat as necessary.

ANTS, foraging Fire Ants, Pharaoh Ants, Carpenter Ants [Eastern (Western)] Treat doors, around window frames, ant trails and other areas of entry. Spray on ants where possible. Repeat as necessary

CARPET BEETLES [Dermestids (Trogoderma)] Directly spray as many insects as possible. Spray all surfaces of upholstered furniture. Where possible, both top and bottom of rugs and carpets should be sprayed thoroughly. Also treat shelves, closets, areas under furniture, floors, walls, window sills, baseboards and wherever these insects are seen or suspected. Repeat as necessary.

CLOTHES MOTHS Remove any infested articles from storage, brush thoroughly, and air for several hours in sunlight, if possible. Apply liberally to empty chests, closets, bureaus and other storage areas where these pests are suspected, directing the spray into cracks, joints, and crevices. Return clean articles after spray has thoroughly dried. Repeat as necessary.

OUTDOOR APPLICATION

Caution should be taken to avoid spraying when wind conditions could create a mist to blow back to applicator. Do not apply this product in or around bodies of water. Do not spray directly on plants. Spray the surface areas and contact as many insects as possible

ANTS, Foraging Fire Ants, Pharaoh Ants, Carpenter Ants [Eastern (Western)] Spray ant trails, ant hills, ant mounds

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and other areas of entry and infestation. Spray on ants where possible.

**SPIDERS** Spray directly on spiders and webs. Repeat as necessary

**SOWBUGS**, Millipedes, Beetles, Ground Beetles, Elm Leaf Beetle, Boxelder Bug, Earwigs, Pillbugs, Clover Mites, Centipedes, Scorpions, Cockroaches, Crickets, Palmetto Bugs, Waterbugs: Spray surfaces and hiding places thoroughly, such as cracks, crevices, moist areas, openings around pipes, spigots, storage areas, sheds and other areas where these pests tend to congregate. Repeat as necessary

**FLIES**, Mosquitoes, Gnats, Flying Moths, Midges and other flying insects: Use only outdoors as an aid in reducing annoyance from these insects. Spray outside surfaces of window and door frames as well as other areas where these pests may enter the house. Also spray dark corners and localized resting areas such as under eaves, porches, patios, garages, garbage can areas and other areas where these insects may congregate. Flying insects coming to rest on treated surfaces will be killed. Repeat as necessary.

**STORAGE AND DISPOSAL**

**STORAGE:** Store in a cool dry area away from heat or open flame.

**DISPOSAL:** Replace cap and discard container in trash. Do not incinerate or puncture.

EPA REG. NO. 11715- not yet assigned  
EPA EST. NO. 11715-TN-1

**MANUFACTURED BY  
SPEER PRODUCTS  
MEMPHIS, TN 38118**

ACCEPTED  
with COMMENTS  
In EPA Letter Dated  
26 OCT 1995  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
and the Federal Food, Drug, and  
Cosmetic Act, this pesticide is  
registered under Filing No.  
11715-312