

DOW CORNING

# new product information

ACCEPTED

JAN 27 1992 Drafted

1/19/90

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under 34292-2  
EPA Reg. No.

## ANTIMICROBIAL TREATMENT FOR SOCKS

### BACTERIOSTATIC AND FUNGISTATIC ACTIVITY ON TEXTILE SURFACES

DOW CORNING® 5772 Antimicrobial Agent treated textile surfaces are preserved by the bacteriostatic and fungistatic action imparted to fiber surfaces. Microbial contamination of textiles may result in odor problems, discoloration, and deterioration. Treatment of DOW CORNING® 5772 Antimicrobial Agent on the surfaces of textiles inhibits the growth of microorganisms to aid in the control of these deleterious effects.

DOW CORNING® 5772 Antimicrobial Agent forms a durable wash resistant coating of monolayer thickness on a variety of textiles.

Socks may be treated with DOW CORNING® 5772 Antimicrobial Agent for lasting freshness and to prevent deterioration and discoloration caused by fungus. This durable and wash resistant treatment is bacteriostatic and fungistatic and inhibits the growth of odor causing bacteria on socks.

Antimicrobial action is exhibited on contact in the presence of moisture. Such treatment does not leach or migrate into the surrounding environment.

Residual self-sanitizing activity against athlete's foot fungus is durable for up to 10 repeated washings of the treated sock.

### DOW CORNING® 5772 ANTIMICROBIAL AGENT\*

EPA No. 34292-2  
EPA Est. 34292-MI-01

Type... Brand of Silicone Quaternary Amine

Physical Form... 72 percent active solids in methanol.

Typical Benefits... Broad spectrum bacteriostatic, fungistatic, algistatic, activity on textile surfaces, durable attachment to a wide variety of textiles, compatible, efficient, easily diluted in water for ease of application.

Primary Use... Provide protection for many types of fibers, fabrics and threads against a wide variety of bacteria, fungi, and yeasts.

Nylon, Nylon/Orlon, Cotton/Nylon, Cotton/Nylon Linen/Lycra, Acrylic/Polypropylene/Nylon/Lycra, Wool/Silk/Nylon/Lycra, and Wool/Acrylic/Nylon/Lycra ... Treated with DOW CORNING® 5772 Antimicrobial Agent will: (1) Reduce 99.9% of the Trichophyton mentagrophytes (athlete's foot fungus) on the sock; (2) Provide a self sanitizing surface against the recurrence of athlete's foot fungus on the sock; (3) Be sanitized against athlete's foot fungus; (4) Inhibit the growth of athlete's foot fungus on the sock; (5) Be treated with a self-sanitizer against athlete's foot fungus; (6) Prevent the growth of 99.9% of athlete's foot fungus on the sock; (7) Significantly reduces 99.9% of fungus on the sock that causes athlete's foot; (8) Effectively sanitizes athlete's foot fungus on the sock; and (9) Reduces the spread of athlete's foot fungus on the surface of the sock.

\*Bacteriostatic, fungistatic and algistatic.

EPA Accepted

The information and data contained herein are based on information we believe reliable. You should thoroughly test any application, and independently conclude satisfactory performance before commercialization. Suggestions of uses should not be taken as inducements to infringe any particular patent.

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