

DOW CORNING

# new product information

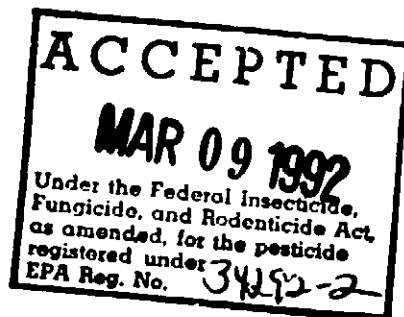
ANTIMICROBIAL AGENT FOR PRESERVATION OF POLYURETHANE FOAM USED FOR  
PACKAGING AND CUSHIONING IN "NON-FOOD CONTACT" APPLICATIONS

## BACTERIOSTATIC AND FUNGISTATIC ACTIVITY ON TREATED SURFACES

Microbial contamination of polyurethane foam may result in odor problems, discoloration, and deterioration. The presence of DOW CORNING® 5772 Antimicrobial Agent on the surface of foam inhibits the growth of microorganisms and helps control these unwanted and harmful effects.

The foam is preserved by the bacteriostatic, fungistatic, and algistatic activity imparted by the active ingredient. This protection is long lasting because the bonding action of DOW CORNING® 5772 Antimicrobial Agent results in a treatment that is durable and resistant to repeated washing/cleaning.

Antimicrobial action is exhibited on contact in the presence of moisture.



## DOW CORNING® 5772 ANTIMICROBIAL AGENT\* For Preservation of Polyurethane Foam

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

Type....Brand of Silicone Quaternary Amine

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

Typical Benefits....Provides broad spectrum bacteriostatic, fungistatic, and algistatic activity; and durable attachment to polyurethane foam. It is efficient, compatible with manufacturing processes, and easily diluted with water and organic solvents.

Primary Use....Preserves polyurethane foam against a wide variety of bacteria, fungi, yeasts and algae.

Polyurethane Foam....Protected with DOW CORNING® 5772 Antimicrobial Agent: (1) to prevent deterioration and discoloration caused by fungi and bacteria; (2) to inhibit the growth of bacteria and mildew to prolong the life of the article; (3) to provide a durable, non-leachable antimicrobial treatment; (4) to provide hygienic freshness; (5) to provide a treatment that is not destroyed by repeated washing/cleaning; (6) to inhibit the development of bacterial and fungal odors; (7) to provide lasting freshness by resisting the growth of odor-causing bacteria and mildew (fungus); and (8) to provide chemical protection against odors.

\*Bacteriostatic, fungistatic and algistatic.

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.

DOW CORNING CORPORATION, MIDLAND, MICHIGAN 48640 TELEPHONE 517 496-4000

DOW CORNING

# new product information

ANTIMICROBIAL AGENT FOR PRESERVATION OF POLYURETHANE FOAM  
USED AS A GROWTH MEDIUM FOR "NON-FOOD" CROPS AND PLANTS

## BACTERIOSTATIC AND FUNGISTATIC ACTIVITY ON TREATED SURFACES

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ACCEPTED

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

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