DOW CORNING

new product information

ANTIMICROBIAL TREATMENT FOR AIR

BACTERIOSTATIC AND FUNGISTATIC AND ALGISTATIC ACTIVITY TO SURFACES WHICH ARE FOUND IN AIR FILTERS

Air filter surfaces are preserved by the bacteriostatic, fungistatic, and algistatic action imparted by DOW CORNING® 5700 Antimicrobial Agent. Microbial contamination of the surfaces may result in odor problems, discoloration, and deterioration. Treatment by DOW CORNING® 5700 Antimicrobial Agent on the surfaces inhibits the growth of microorganisms to aid in the control of these deleterious effects.

DOW CORNING® 5700 Antimicrobial Agent forms a durable wash resistant coating on a variety of air filter surfaces. These surfaces include acetates, acrylics, cotton, fiberglass, nylon polyester, polyethylene, polyurethane foam, polyolefins, polypropylene, rayon, vinyl, and wool.

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

DOW CORNING® 5700 ANTIMICROBIAL AGENT
For Protection of Air Filter Materials

EPA No. 34292-1
EPA Est. 34292-MI-01

Type....Brand of Silicone Quaternary Amine

Physical Form....42% active solids in methanol.

Typical Benefits....Broad spectrum bacteriostatic, fungistatic, and algistatic activity on air filter surfaces; durable attachment to a wide variety of materials; compatible with a wide range of substrates; efficient; and easily diluted in water.

Primary Use....Preserve air filter materials against a wide variety of bacteria, fungi, and algae.

Treat with DOW CORNING® 5700 Antimicrobial Agent: (1) to prolong the life of the air filter material(s) inhibiting the growth of bacteria (germs), fungi (mold, mildew and yeast), and algae; (2) to prevent deterioration and discoloration by providing a stable, non-leachable finish to the surface; (3) to provide a treatment that is not destroyed by repeated cleaning; (4) to provide hygienic and lasting freshness by inhibiting the growth of odor-causing microorganisms.

Directions for Use.....
DOW CORNING® 5700 Antimicrobial Agent can be applied to air filter surfaces as a dilute aqueous solution to give 0.1 to 1.0% by weight of active ingredients. Aqueous solutions can be prepared by simply adding the Antimicrobial Agent to water with stirring.

CAUTION: Poor agitation when adding this silane to water can result in locally high concentrations, which may form gel particles. Treatment can be by brushing, dipping, soaking, spraying, or fogging, or by using foam finishing techniques.

After applying the Antimicrobial agent, the substrate can be dried at temperatures from ambient to a maximum of 212°F(100°C) to effect condensation of silanol groups and to remove water and/or traces of methanol from hydrolysis. Optimum application and drying conditions, such as time and temperature, should be determined for each application before use in a commercial process.

EPA Accepted

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

DOW CORNING

new product information

ANTIMICROBIAL AGENT FOR
VACUUM CLEANER BAGS & FILT

BACTERIOSTATIC, FUNGISTATIC, AND ALGISTATIC ACTIVITY TO SURFACES WHICH ARE FOUND IN VACUUM CLEANER BAGS AND FILTERS

Vacuum cleaner bag and filter surfaces are preserved by the bacteriostatic, fungistatic, and algistatic action imparted by DOW CORNING® 5700 Antimicrobial Agent. Microbial contamination of the surfaces may result in odor problems, discoloration, and deterioration. Treatment by DOW CORNING® 5700 Antimicrobial Agent on the surfaces inhibits the growth of microorganisms to aid in the control of these deleterious effects.

DOW CORNING® 5700 Antimicrobial Agent forms a durable wash resistant coating on a variety of vacuum cleaner bag and filter surfaces. These surfaces include acetates, acrylics, cotton, fiberglass, nylon, polyester, polyethylene, polyolefins, polypropylene, rayon, vinyl, and wool.

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

DOW CORNING® 5700 ANTIMICROBIAL AGENT
For Protection of Vacuum Cleaner Bags & Filters

EPA No. 34292-1
EPA Est. 34292-MI-01

Type....Brand of Silicone Quaternary Amine

Physical Form....42% active solids in methanol.

Typical Benefits....Broad spectrum bacteriostatic, fungistatic, and algistatic activity on vacuum cleaner bags and filter surfaces; durable attachment to a wide variety of materials; compatible with a wide range of substrates; efficient; and easily diluted in water.

Primary Use....Preserve vacuum cleaner bags and filters against a wide variety of bacteria, fungi, and algae.

Treat with DOW CORNING® 5700 Antimicrobial Agent: (1) to prolong the life of the vacuum cleaner bags and air filter material(s) by inhibiting the growth of bacteria (germs), fungi (mold, mildew and yeast), and algae; (2) to prevent deterioration and discoloration by providing a stable, non-leachable finish to the surface; (3) to provide a treatment that is not destroyed by repeated cleaning; (4) to provide hygienic and lasting freshness by inhibiting the growth of odor causing microorganisms.

Directions for Use.....
DOW CORNING® 5700 Antimicrobial Agent can be applied to vacuum cleaner bag and filter surfaces as a dilute aqueous solution to give 0.1 to 1.0% by weight of active ingredients. Aqueous solutions can be prepared by simply adding the Antimicrobial Agent to water with stirring. CAUTION: Poor agitation when adding this silane to water can result in locally high concentrations, which may form gel particles. Treatment can be by brushing, dipping, soaking, spraying, or fogging, or by using foam finishing techniques.

After applying the Antimicrobial Agent, the substrate can be dried at temperatures from ambient to a maximum of 212°F(100°C) to effect complete condensation of silanol groups and to remove water and/or traces of methanol from hydrolysis. Optimum application and drying conditions, such as time and temperature, should be determined for each application before use in a commercial process.

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

DOW CORNING

new product information

ANTIMICROBIAL AGENT FOR
FOR BUFFER PADS (ABRASIVE & POLISHING)

BACTERIOSTATIC, FUNGISTATIC, AND ALGISTATIC ACTIVITY TO SURFACES WHICH ARE FOUND IN BUFFER PADS

Buffer pad surfaces are preserved by the bacteriostatic, fungistatic, and algistatic action imparted by DOW CORNING® 5700 Antimicrobial Agent. Microbial contamination of the surfaces may result in odor problems, discoloration, and deterioration. Treatment by DOW CORNING® 5700 Antimicrobial Agent on the surfaces inhibits the growth of microorganisms to aid in the control of these deleterious effects.

DOW CORNING® 5700 Antimicrobial Agent forms a durable wash resistant coating on a variety of buffer pad surfaces. These surfaces include acetates, acrylics, cotton, fiberglass, nylon, polyester, polyethylene, polyolefins, polypropylene, rayon, vinyl, and wool.

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

Directions for Use.....
DOW CORNING® 5700 Antimicrobial Agent can be applied to buffer pad surfaces as a dilute aqueous solution to give 0.1 to 1.0% by weight of active ingredients. Aqueous solutions can be prepared by simply adding the Antimicrobial Agent to water with stirring. CAUTION: Poor agitation when adding this silane to water can result in locally high concentrations, which may form gel particles. Treatment can be by brushing, dipping, padding, soaking, spraying, or fogging, or by using foam finishing techniques.

After applying the Antimicrobial Agent, the substrate can be dried at temperatures from ambient to a maximum of 212°F(100°C) to effect complete condensation of silanol groups and to remove water and/or traces of methanol from hydrolysis. Optimum application and drying conditions, such as time and temperature, should be determined for each application before use in a commercial process.

DOW CORNING® 5700 ANTIMICROBIAL AGENT
For Protection of Buffer Pad Materials
(Abrasive & Polishing)

EPA No. 34292-1
EPA Est. 34292-MI-01

Type....Brand of Silicone Quaternary Amine

Physical Form....42% active solids in methanol.

Typical Benefits....Broad spectrum bacteriostatic, fungistatic, and algistatic activity on buffer pad surfaces; durable attachment to a wide variety of materials; compatible with a wide range of substrates; efficient; and easily diluted in water.

Primary Use....Preserve buffer pads against a wide variety of bacteria, fungi, and algae.

Treat with DOW CORNING® 5700 Antimicrobial Agent: (1) to prolong the life of the buffer pad material(s) inhibiting the growth of bacteria (germs), fungi (mold, mildew and yeast), and algae; (2) to prevent deterioration and discoloration by providing a stable, non-leachable finish to the surface; (3) to provide a treatment that is not destroyed by repeated cleaning; (4) to provide hygienic and lasting freshness by inhibiting the growth of odor-causing microorganisms.

EPA Accepted

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

DOW CORNING

new product information

ANTIMICROBIAL AGENT FOR FIBERGLASS DUCTBOARD

BACTERIOSTATIC, FUNGISTATIC AND ALGISTATIC ACTIVITY TO SURFACES WHICH ARE FOUND IN FIBERGLASS DUCTBOARD

Fiberglass ductboard surfaces are preserved by the bacteriostatic, fungistatic, and algistatic action imparted by DOW CORNING® 5700 Antimicrobial Agent. Microbial contamination of the surfaces may result in odor problems, discoloration, and deterioration. Treatment by DOW CORNING® 5700 Antimicrobial Agent on the surfaces inhibits the growth of microorganisms to aid in the control of these deleterious effects.

DOW CORNING® 5700 Antimicrobial Agent forms a durable wash resistant coating on a fiberglass ductboard surfaces.

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

Directions for Use.....
DOW CORNING® 5700 Antimicrobial Agent can be applied to fiber-ductboard surfaces as a dilute aqueous solution to give 0.1 to 1.0% by weight of active ingredients. Aqueous solutions can be prepared by simply adding the Antimicrobial Agent to water with stirring. CAUTION: Poor agitation when adding this silane to water can result in locally high concentrations, which may form gel particles.

DOW CORNING® 5700 ANTIMICROBIAL AGENT
For Protection of Fiberglass Ductboard

EPA No. 34292-1
EPA Est. 34292-MI-01

Type....Brand of Silicone Quaternary Amine

Physical Form....42% active solids in methanol.

Typical Benefits....Broad spectrum bacteriostatic, fungistatic, algistatic activity on fiberglass ductboard surfaces; durable attachment to a wide variety of materials; compatible with a wide range of substrates; efficient; and easily diluted in water.

Primary Use....Preserve fiberglass ductboard against a wide variety of bacteria, fungi, and algae.

Treat with DOW CORNING® 5700 Antimicrobial Agent: (1) to prolong the life of the fiberglass ductboard by inhibiting the growth of bacteria (germs), fungi (mold, mildew and yeast), and algae; (2) to prevent deterioration and discoloration by providing a stable, non-leachable finish to the surface; (3) to provide a treatment that is not destroyed by repeated cleaning; (4) to provide hygienic and lasting freshness by inhibiting the growth of odor-causing microorganisms.

Treatment can be by brushing, dipping, soaking, spraying, or fogging, or by using foam finishing techniques. After applying the Antimicrobial agent, the substrate can be dried at temperatures from ambient to a maximum of 212°F(100°C) to effect complete condensation of silanol groups and to remove water and/or traces of methanol from hydrolysis. Optimum application and drying conditions, such as time and temperature, should be determined for each application before use in a commercial process.

EPA Accepted

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