



Con^{mic}Shield[®] is an invisible durable protective additive. It protects the surface against bacteria and fungi, which cause deterioration. It also protects against the growth of odor-causing bacteria *in vitro* tests. It has been shown to form a durable, yet invisible, bonded coating to a number of surfaces and finishes, and is especially effective when added to concrete to prevent MIC corrosion. Con^{mic}Shield[®] offers the following features:

Good durability – It imparts EXTENDED protection against, broad spectrum, biostatic activity to the surface of a wide variety of substrates: it is leach resistant and nonmigrating.

- Broad-spectrum protection – protects against gram positive and gram negative bacteria, fungi, algae and yeasts.
- Increased efficiency – through proper application, durable protected surfaces can be attained.

Benefits. Con^{mic}Shield[®] offers users the following benefits:

- Product Performance with little degradation up to 375 ° F.
- Essentially Non-toxic, Water based
- Contains no Phenols, Tin, Heavy metals, Lead, Mercury or Formaldehyde.
- Prevents deterioration and discoloration caused by bacteria, fungi, algae and yeasts via wicking.
- Protects against the growth of bacteria and mildew.
- Resists odors
- Compatible with non-ionic, cationic and certain amphoteric surfactants.

Storage and Shelf Life

When stored in original, unopened containers between temperatures of 40-80 ° F, it has a minimum shelf life of 12 months from date of shipment from Con^{mic}Shield[®] Technologies. Since this material is moisture-sensitive, keep containers tightly sealed.

STORAGE, HANDLING AND PRECAUTIONARY INFORMATION

Con^{mic}Shield[®] is non-flammable. Store at room temperature. Disposal of Con^{mic}Shield[®] can be achieved by the addition of anionic surfactant or detergent in quantity equivalent to that of Con^{mic}Shield[®] agent in solution

See MSDS for more details

Con^{mic}Shield[®] Partial List of Protection Control

Gram-Positive Bacteria	Gram-Negative Bacteria
Bacillus subtilis (vegetation forms)	Aerobacter aerogenes
Corynebacterium sp.	Acinetobacter sp.
Lactobacilli sp.	Enterbacter sp
Methicillin-resistant	Escherichia coli
Staphylococcus aureus	Klebsiella sp.
Streptococcus veridan	Listeria monocytogenes
Streptococcus fecalis	Mycobacterium tuberculosis
Streptococcus pneumonia	Prtoeus sp.
Steptomyees sp.	Pseudomonas aeruginosa
Shegella sp.	Pseudomonas cepacia
Fungi	Pseudomonas sp
Aspergillus flares	Salmonella choleraesuis
Aspergillus niger	Salmonella typhoea
Aspergillus terreus	Serratia Marcescens
Aspergillus verrucaria	Thiobacillus
Alternaria sp.	Algae
Cephaldascus fragans	Cyanophyta (blue-green) oecillatoria
Chaetomium globosum	Cyanophyta (blue-green) anabaena
Epidermophyton sp.	Chrysophyta (brown)
Penicillium sp.	Chlorophyta (green)
Pullularia pulluians	Seienastum gracile
Stachybotrys	Chlorophyta (green)
Tricoderm sp.	Protococcus
Trichophyton sp.	Viruses
Yeast	Herpes Simplex Type 1
Saccharomyces cerevisiae	Influenza A
Candida albicans	HIV B

Treated substrates exhibiting activity

Siliceous surfaces	Man-made fibers	Metals
Glass	Acrylic	Aluminum
Glass wool	Modacrylic	Stainless steel
Sand	Polyester	Galvanized metal
Stone	Cellulose acetate	
Ceramic	Rayon	Miscellaneous
	Acetate	Leather
Natural Fibers	Anidex	Wood
Cotton	Spandex	Rubber
Wool	Vinyl	Plastic
Linen	Dacron	Formica
Felt	Viscose	Concrete

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