Anti-microbial Quick Reference Guide

Brand Name:	Micropel 5
Composition:	5% 10, 10’-Oxybisphenoxarsine 95% other ingredients
Application:	Micropel 5 is added to the polyurethane resin prior to the formation of the film used for the kiss coat that is laminated on the outside of the nylon Taffeta.
Life Expectancy:	The manufacturing process provides the necessary protection to allow multiple cleanings and to maintain the antimicrobial properties for the blood pressure cuff fabric.
Protection:	Cosmetic – guards against surface growth, staining, odor, and the development of fungal spores. Structural – guards against microbial deterioration which can affect the physical properties of the material causing cracking and splitting or lass of flexibility.
Microorganisms:	See reverse
Cleaning Agents:	Mild detergents/ dilute bleach solution (1-2%), Enzol, Cideyzene, Cidex, Sporicidin, Isopropyl Alcohol (70%), Ethanol (70%), Cleanside/ Wexside or similar disinfecting solution.

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10, 10'-Oxybisphenoxarsine (Micropel 5)- Guards against the following Microorganisms:

FUNGI

Alternaria tenuis
Alternaria brassicicola
Aspergillus clavatus
Aspergillus flavus
Aspergillus niger
Aspergillus oryzae
Aspergillus terreus
Aspergillus ustus
Aspergillus versicolor
Aureobasidium (Pullularia) pullulans
Chaetomium globosum
Cladosporium resinae
Epidermophyton species
Fusarium moniliforme
Gliocladium virens (Trichoderms sp.)
Helminthosporium gramineum
Memnoniella echinata
Mucor racemosus
Myrothecium verrucaria
Penicillium citrinum
Penicillium expansum
Penicillium funiculosum
Penicillium islandicum
Penicillium lilacinum
Penicillium luteum
Penicillium pinophilum
Penicillium piscarium
Penicillium variabile
Phoma glomerata/Phoma pigmentivora
Rhizopus nigricans
Scopulariopsis brevicaulis
Spicaria violacea
Trichophyton mentagrophytes

YEAST

Candida albicans
Candida guilliermondii
Candida lipolytica
Candida pelliculosa
Candida tropicalis

BACTERIA

Aerobacter aerogenes
Bacillus cereus
Bacillus mycoides
Bacillus subtilis
Brevibacterium ammoniagenes
Desulfovibrio desulfuricans
Enterobacter species
Escherichia coli
Klebsiella pneumoniae
Lactobacilli species
Methicillin-resistant Staphylococcus aureus
Micrococcus species
Proteus species
Pseudomonas aeruginosa
Salmonella chloeraesuis
Salmonella typhimurium
Salmonella typhosa
Shigella species
Staphylococcus aureus
Staphylococcus epidermidis
Streptococcus faecalis
Streptococcus pyogenes

ACTINOMYCETES

Streptoverticillium reticulum
Thermoactinomyces vulgaris

This list represents a portion of the microorganisms which can be controlled by Micropel antimicrobials. It includes the organisms specified in ASTM, AATCC and other industry accepted test methods. These test organisms are generally harder to control than the typical fungal, staining or odor-causing bacterial organisms encountered in actual service life conditions. Product claims are regulated by the U.S. Environmental Protection Agency, Pesticide Branch, and must be limited to protection of the treated article itself. Any claims that imply protection beyond the article itself or imply public health benefits or control of disease-causing microorganisms are not allowed. Examples of disease-causing microorganisms are E. coli, Streptococcus and Staphylococcus aureus, Pseudonomas aeruginosa, and Salmonella. MICROPEL is a trademark of Micropel LLC.

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