



## HealthGuard BK

**HealthGuard BK** is a concentrated anti-microbial and anti-dust mite finish especially formulated for use in the textile industry.

### CHARACTERISTICS

Appearance	: Clear Yellow liquid
PH(%1)	: 6.8 - 7.5
Ionic Char.	: Anionic
Solubility	: Dissolves in water at every temperature and ratio.

### APPLICATIONS:

- When incorporated into Polyurethane foam will protect foam from insect and anti mosquito infestation and microbial attack.
- **HealthGuard BK** can be incorporated into SBR latex to protect foam carpet underlay from insects, mosquitoes and microbes.
- **HealthGuard BK** can be sprayed onto carpets as a topical treatment to prevent odors caused by microbial attack and will kill any insect and mosquitoes that may seek to colonise the treated area.
- **HealthGuard BK** can be mixed with flexible acrylic resins for application to polypropylene yarns used in mattress ticking.
- Treated articles will effectively kill microorganisms which cause odors.
- **HealthGuard BK** provides protection against the House Insect and anti mosquito and a broad spectrum of Moulds, Bacteria, Yeast and Algae, which can accumulate and multiply both upon the surface and inside many textile substrates.
- Prevents the growth of MRSA and VRE bacteria on fabrics, carpets and foam.

Acts on two fronts to combat establishment of mite and insect colonies:

Moulds: Aspergillus Niger, Chaetomium globosum, Penicillium funiculosum, Ulocladium consortiale

Bacteria: Bacillus subtilis, Enterobacter aerogenes, Escherichia coli, Proteus vulgaris, Pseudomonas aeruginos, Pseudomonas fluorescens, Staphylococcus aureus, Staphylococcus aureus -MRSA A129

Algae: Chlorella pyrenoidosa

Anabaena cylindrica. **HealthGuard BK** has been scientifically formulated and all tests have been carried out by independent testing authorities, giving you, and your customers' complete satisfaction. For Bacterial, Yeasts, Moulds, Algae and House insect and anti mosquito protection a total amount of 2.0% of **HealthGuard BK** on the weight of fabric should be applied.

**HealthGuard BK** can be applied by padding and exhaust methods.

**HealthGuard BK** can be applied in conjunction with acrylic dispersions.

**HealthGuard BK** will migrate into the polymer.

Drying temperature is up to 180°C

### STORAGE CONDITIONS:

Store in original containers. Keep containers securely sealed. No smoking, naked lights or ignition source. Store in a cool, dry, well-ventilated area. Store away from incompatible materials and foodstuff containers. Protect against physical damage and check regularly for leaks.

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