Information on Biocides

These products do not protect users or others against food-borne (or disease causing) bacteria, viruses, germs, or other disease organisms. Always clean these products thoroughly after use. EPA regulations in 40CFR 152.25(a) exempt certain treated articles and substances from regulation under the Federal Insecticide, Fugicide, and Rodenticide Act (FIFRA) if specific conditions are met. The specific regulatory language is in section 152.25, exemptions for pesticides of a character not requiring FIFRA regulation, wherein it states, "(a treated articles or substances. An article or substance treated with, or containing, a pesticide to protect the treated article or substance itself (for example, paint treated with a pesticide to protect the paint coating or wood products treated to protect the wood against insect or fungus protect the wood against insect or fungus infestation), if the pesticide is registered for such use." Known as the Treated Articles Exemption, this section provides an exemption from all requirements of FIFRA for qualifying articles or substances treated with, or containing a pesticide , if: (1) the incorporated pesticide is registered for use in or on the article or substance, and (2) the sole purpose of the treatment is to protect the articles or substance itself.

As part of routine building maintenance, areas should be inspected for visible mold and the conditions causing the mold should be corrected to prevent mold from growing. Nikka Corp has been working with leading biocide manufacturers to develop coating products wherein the dry coating film of these products are mildew resistant, resists mold fungus and resists stains by mold. In addition, the dry coating film inhibits the growth of bacterial odors, resists microbial odor development and retards the growth and action of bacterial odors. Nikka Corp tested products with a blend of EPA registered biocides (EPA registration No. 1045-103 and 1706-196) for which 1045-103 has FDA approval under CFR 176.170, 176.180 and 176.300 (Refer to code for applicable limitations). Accordingly, our newly developed product line may be beneficial in any industry that requires a coating film to prevent microorganisms from degrading the product.

Benefits of Usage

- Product contains an antimicrobial agent to prevent microorganisms from degrading the product.
- Mildew Resistant-Coating contains a preservative which inhibits the growth of mildew on the surface of the coating film.
- Dried coating film resists mold fungus.
- Dry film resists stains by mold.
- Retards paint film spoilage.
- Resists film attach by mildew.
- A fungistatic agent has been incorporated into the coating to make it resistant to stain caused by mildew.
- Resists odor-The product has been treated to resist bacterial odors.

Spectrum of Antifungal Activity

Aureobasidium pullulans	Trichophyton rubrum	Blastommyces dermatidis
Aspergillus niger	Aspergillus sp.	Ceratocystis ulmi
Penicillium luteum	Penicillium sp.	Cerospora beticola
Cheatomium globosum	Lenzites trabea	Cerospora musae
Trichoderma viride	Penicillium cyclopium	Cladossporium sp.
Aspergillus orzae	Phoma terrestrius	Claviceps purpurea
Penicillium digitatum	Aspergillus versicolor	Collectotrichum trifolii
Penicillium expansum	Botrytis cinerea	Dactyliium dendroides
Phomopsis citri	Certocystic sp.	Endothia paracitica
Diplodia natalensis	Diplodia viticola	Geotrichum lactus
Alternaria solani	Fusarium roseum	Helminthosporium sp.
Aspergillus fumigatus	Fusamrin solani	Madurella mycetoni
Aspergillus nidulans	Penicillium roqueforti	Microsporum canis
Aspergillus glacus	Penicillium italicum	Monilia fructigena
Aspergillus terreus	Penicillium notatum	Monilia laxa
Fusarium oxysporum	Rhizoctonia solani	Neurospora sitophilia
Monilia nigra	Ascophyta pisi	Oidum sp.
Penicillium oxalicium	Alternaria chevalier	Pencillium chrysogenum
Penicillium spinulosum	Aspergillus ochraceous	Phacidiopycnus furfuracea
Penicillium funiculosum	Aspergillus tamari	Rhizopus stolonifer
Cryptoccus neoformmans	Aspergillus restrictus	Sclerotina friuctinocola
Geotrichum sp.	Aspergillus wentii	Stachibotris sp.
Hormodendrum pedrosi		