AMICAL™ Flowable Antimicrobial

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

USE IN PAINTS
AMICAL Flowable Antimicrobial is an effective mildewcide and algaecide for exterior and interior latex paints, solvent-based paints, fire-retardant insulation coatings, and all duct uses. Limitations in paints and duct coatings will vary depending upon the formulation and expected severity of conditions.

For roll coat applications only: AMICAL Flowable Antimicrobial will impart protection when used at levels of 0.4 - 12.5 lb AMICAL Flowable Antimicrobial per 100 gallons of paint for severe conditions. For AMICAL Flowable Antimicrobial per 100 gallons of paint for severe conditions.

For all other paint applications, including airless sprayer and brush application: The maximum allowable concentration is 6.25 lb AMICAL Flowable Antimicrobial per 100 gallons of paint.

For mildew control of fire retardant coating add AMICAL Flowable Antimicrobial at 0.0375% to 0.75% to slurried AMICAL Flowable Antimicrobial. Flowable Antimicrobial can be added at any stage of the manufacturing process, at the point of retail purchase, or by the end user. After addition of AMICAL Flowable Antimicrobial, the formulation must be mixed for maximum dispersion of the AMICAL Flowable Antimicrobial.

USE IN PIGMENT DISPERSIONS, INKS, EMLUSIONS AND SLURRIES

Product Not Registered For This Use In California - (Optional)

To inhibit the growth of spoilage fungi during the storage and use of water-based suspensions and dispersions and slurries, such as clay, kaolin, calcium carbonate, calcium sulfate, barium sulfate, magnesium sulfate, iron oxide, carbon black, titanium oxide, kieselguhr, starch, organic dyes, and other filter suspensions. AMICAL Flowable Antimicrobial will impart protection when added at 0.05-0.375% (w/v). Add AMICAL Flowable Antimicrobial at a point in the production process where sufficient mixing will assure good dispersion of the material as other ingredients are added.

USE IN PUTTIES AND ADHESIVES

Use AMICAL Flowable Antimicrobial in adhesives and binders, e.g., joint compounds, tile mastics, wallpaper, carpet backing, air filters and for ornamental plaster, and adhesives and caulks where mildew growth on the applied or stored product may be a problem. For control of mildew add 0.025-0.72% AMICAL Flowable Antimicrobial at a point in the production process where sufficient mixing will assure good dispersion of the material as other ingredients are added. AMICAL Flowable Antimicrobial may be added at the end-user or at a point of use at the adhesive. Add 0.044-0.176 oz (0.06-0.24 oz.) directly to each gallon of adhesive paste or to each gallon of paste activator.

USE IN LEATHER TANNING

For use in leather tanning drum use only. AMICAL Flowable Antimicrobial is used in protecting chrome or vegetable tanned leather from mold and mildew during in-tannery wet processing and for protecting wet-blue during long storage and long transportation times. For normal protection of chrome or vegetable tanned leather the concentration of AMICAL Flowable Antimicrobial (based on dry weight of hide) should be 0.10-0.18% (0.09-0.18% for vegetable tanned leather). For heavy tannery protection the use is 0.18-0.35% (0.18-0.35% for vegetable tanned leather).

For normal protection of chrome or vegetable tanned leather it is recommended that the concentration of AMICAL Flowable Antimicrobial be maintained at 0.10-0.15% (0.10-0.15% for vegetable tanned leather) during the drumming phase of the tanning process. For use in leather tanning AMICAL Flowable Antimicrobial can be added at any stage of the production process, at the point of manufacture, or at any point of use. Use of chromo-tannin hides for all hide types is 0.15-0.45% (0.15-0.45% weight on wet weight). In all applications add the dry AMICAL Flowable Antimicrobial through the drum door, preferably by sprinkling across the width of the drum. The use of AMICAL Flowable Antimicrobial must be done just prior to chrome addition, or together with the foraine. In the case of retan/color/fatliquor, add AMICAL Flowable Antimicrobial at 0.01% to 0.02% of total leather weight. In the case of chrome-tanned hides, add AMICAL Flowable Antimicrobial at a point in the production process when sufficient mixing will assure good dispersion of the material as other ingredients are added.

USE IN TEXTILES AND NON-WOVEN (Dyeing and Finishing)

Product not registered for this use in California - (Optional)

To prevent new growth on products such as canvas, carpet backing, board, drapes, filters, and shower curtains. Use only to treat carpet-backing. Not used for use in carpet fibers. Use levels depend upon the expected severity of conditions. In general 1.25 to 12.5 lb of AMICAL Flowable Antimicrobial per 100 lbs of dry fabric (1250-12500 ppm) is needed. AMICAL Flowable Antimicrobial is best added together with the water-repellent emulsion or dye to ensure durability.

USE IN OTHER PRODUCTS

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