



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

July 25, 2016

Abigail Wacek
Regulatory Agent
Technology Sciences Group
1150 18th St. NW, Suite 1000
Washington, D.C. 20036

Subject: Notification per PRN 98-10 – Change primary brand name; update registration number
Product Name: PMG721
EPA Registration Number: 86106-4
Application Date: 07/18/2016
Decision Number: 519570

Dear Ms. Wacek:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Antimicrobials Division (AD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The label submitted with the application has been stamped “Notification” and will be placed in our records.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance.

The record has been updated to reflect the new primary brand name, “PMG721.” The previous brand name “KM10D-G” has been inactivated.

If you have any questions, you may contact Aline Heffernan at 703-347-8602 or via email at heffernan.aline@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Julie Chao".

Julie Chao, Product Manager 33
Regulatory Management Branch 1
Antimicrobials Division (7510P)
Office of Pesticide Programs

~~KM10D-G~~PMG721

A preservative and bacteriostatic agent for use in the
Manufacture of polymer, plastic and latex products.
For commercial and industrial use.

Active Ingredient:

Silver	1.42%
Other Ingredients:	98.58%
Total	100.00%

KEEP OUT OF REACH OF CHILDREN

CAUTION

SEE INSERT LABEL FOR PRECAUTIONARY STATEMENTS

NOTIFICATION

Manufactured for:

TaikiUSA Inc.
155 Chestnut Ridge Road
Montvale, NJ 07645

EPA Registration Number: 86106-~~4TBD~~
EPA Establishment Number:

86106-4

The applicant has certified that no
changes, other than those reported to
the Agency have been made to the
labeling. The Agency acknowledges
this notification by letter dated:

7/25/2016

Net Wt. XXXX

Lot No.

XXXXXXXX

Directions for Use

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

For All Uses Listed:

- * This product is intended for use in the manufacture of Non-Food Contact polymer, plastic and latex products for commercial and industrial use.
- * Do not incorporate this product into any food contact polymer unless the subject food contact polymer is approved and listed in 21 CFR Parts 174 through 186 (inclusive) or in the United States Food and Drug Administration's "Food Contact Substance Notification System." Any incorporation of this product into an approved and listed food contact polymer must comply with the specific use conditions listed in 21 CFR, Parts 174 through 186 (inclusive), 40 CFR Part 158W, or in the United States Food and Drug Administration's "Food Contact Substance Notification System," for such food contact polymer. Any incorporation of this product into any food contact substance (including but not limited to non-polymer substances) other than an approved and listed food contact polymer is prohibited.
- * ~~KM10D~~PMG721 is an antimicrobial additive to be used by compounding into many polymeric materials. It is designed to be incorporated during the manufacturing process to impart antimicrobial activity to the manufactured products. ~~KM10D~~PMG721 suppresses the growth of algae, mold, mildew, fungi and bacteria which cause unpleasant odors, discoloration, staining, deterioration or corrosion only. No finished product incorporating ~~KM10D~~PMG721 may make any public health claims relating to antimicrobial activity without first obtaining an EPA registration for the finished product which permits such claims, and without a tolerance or exemption from the requirement of a tolerance. When incorporated into treated articles, this product does not protect users of any such treated article or others against food borne or disease causing bacteria, viruses, germs or other disease causing organisms.

Types of Finished Products

1. Plastics – including films, sheets, slabs, and molded plastic parts:

The additive may be incorporated into the finished product at up to 5.0% by weight or at least 0.1% for bulk plastics. Contact TaikiUSA Inc., to determine the appropriate amount of

~~KM10D~~PMG721 for individual finished products.

Non-food contact uses:

- Acoustic instruments and/or hearing aids
- Appliances & equipment
- Automobile parts
- Bands and belts (touched by humans)
- Beverage processing equipment (including mixers, transfer equipment, pumps, bottlers, canners, dispensers & fermenters)
- Bottles
- Brush bristles (including personal care grooming items, toothbrushes (claims allowed: odor, discoloration, staining) & cosmetic brushes (claims allowed: odor, discoloration, staining))
- Brush bristles (including personal care grooming items, toothbrushes), and cosmetic brushes
- Brush handles
- Buttons (example: elevator)
- Cable wraps
- Cameras & imaging equipment
- Communication equipment (stationary, mobile & handheld) including telephones, headsets, handsets, intercoms, earphones, & microphones and other input/output devices
- Computer keyboards
- Computers, laptops & accessories (stationary, mobile & handheld) including processors (cpus), monitors, stands, and peripherals to include keyboards, mouse, touch pad, touch tablet, graphic tablet, & trackballs and other input/output devices
- Containers
- Conveyor belts
- Countertops
- Cups
- Cutting boards
- Dishes
- Drain pan liners
- Ducts
- Electronics & gaming equipment (stationary, portable, mobile & handheld) & displays & their accessories, including consoles, headsets, controllers, & other input/output devices
- Escalator hand rails
- Eyeglass frames and lenses protective eyewear including glasses, masks shields & goggles
- Films
- Floor coverings
- Flooring
- Flush-nozzle an related gadgets for toilet
- Foam containers
- Food processing equipment (including slicers, formers, juicers, washers, canners, freezers, refrigerators, shelving, cookers, grinders, choppers, peelers & countertops) (non-food contact surfaces only)
- Footwear (including boots, sports equipment and tools)
- Gaskets
- General purpose containers
- Gloves
- Hand rails (going up stairs)
- Handles and knobs
- Handrail and step
- Home electric apparatus
- Ice tray and container
- Indoor and outdoor furniture
- Insulation for wire and cable
- Insulators
- Kitchen and bathroom hardware
- Liners
- Mats

PMG721~~KM10D-G~~ (86106-4)

TaikiUSA

Notification – July 18, 2016, Label Version (1)

3 of 9

- Medical devices, equipment & supplies
- Mops
- Mouthguards (claims allowed: odor, discoloration, staining)
- Non-woven fabrics
- Office equipment & supplies (including binders, filing & storage systems, pens, pencils, markers, printers, facsimile machines, desk accessories, computers, keyboards, mice, scanners & printers)
- Packaging
- Personal care items (including grooming items, sports & dental mouthguards. Claims allowed: odor, discoloration, staining)
- Plastic (resin) palette
- Plastic & films: Polymers: polyester, polyamide, polypropylene, polyethylene, polysiloxane, polyethylene copolymer, polyvinyl alcohol, epoxy resin, phenol resin, polycarbonate, cellulose acetate, polystyrene, polyurethane, acrylic resin, methyl methacrylate, acrylonitrile butadiene styrene copolymer, etc.
- Plumbing supplies and fixtures (including toilet bowl seats)
- Protective covers
- Protective covers (example: mobile phone)
- Shower curtains
- Siding for housing
- Sinks
- Spas, bathtubs, showers & filters & components thereof
- Sponges
- Steering wheels
- Straps
- Tape
- Thermometer and case
- Tiles
- Toys (claims allowed: odor, discoloration, staining, deterioration)
- Tubing
- Vacuum cleaner bags
- Washing machine water-pan
- Waste containers
- Water supply tank and panel
- Water-outlet filter

2. **Fibers:**

The additive may be incorporated into the finished product at up to 5.0% by weight or at least 0.1% for fibers. Contact TaikiUSA Inc., to determine the appropriate amount of ~~KM10D~~PMG721 for individual finished products.

Non-food contact uses only (in all cases, when the article itself is an approved polymer, or as an approved polymer coating on an article):

- Bags
- Brush bristles (including personal care grooming items, toothbrushes (claims allowed: odor, discoloration, staining) & cosmetic brushes (claims allowed: odor, discoloration, staining)
- Clothing apparel (including uniforms, outerwear, gloves, aprons, coats & shoes)
- Conveyor belts
- Filters
- Kitchen, commercial & industrial wipes & fabrics
- Napkins, tablecloths & wiping cloths
- Packaging (including bags, sacks, wraps, cushion & absorbent materials, & containers)
- Sponges

Non-food contact uses only (in all cases, when the article itself is an approved polymer, or as an approved polymer coating on an article):

Interior furnishings

- Bags
- Blankets
- Carpet and carpet underlay
- Curtains

~~PMG721~~KM10D-G (86106-4)

TaikiUSA

Notification – July 18, 2016, Label Version (1)

4 of 9

- Cushion pads
- Draperies
- Fiberfill for quilts and pillows
- Mattress cover pads and filling
- Mops
- Pillow covers
- Polymers: polyester, polypropylene, nylon, polyethylene, acrylic, rayon, etc.

Apparel

- Caps
- Coats & aprons
- Gloves
- Helmets
- Industrial uniforms
- Inner liners for jackets
- Outerwear
- Polymers: polyester, polypropylene, nylon, polyethylene, acrylic, rayon, etc.
- Shoes

Industrial and Other Household Items

- Artificial leather
- Awnings
- Book covers
- Brush bristles
- Cloth for sails
- Commercial & industrial wipes & fabrics
- Drain pan liners
- Filters
- Medical devices, equipment & supplies

Luggage –

- Cosmetic bags
- Duffel bags
- Laundry bags
- Luggage

Cosmetic Applicators –

- Brushes

Transportation –

- Automotive and truck upholstery
- Carpeting
- Interior liners convertible tops

- Rugs
- Sheets
- Sleeping bags
- Towels
- Upholstery
- Wall covering fabrics
- Wiping cloths

- Sleepwear
- Sock and hosiery
- Sportswear
- Stockings
- Trim for outerwear and garments
- Umbrellas
- Undergarments
- Uniforms

- Mops
- Polymers: polyester, polypropylene, nylon, polyethylene, acrylic, rayon, etc.
- Ropes
- Shoe linings
- Sponges
- Tarps
- Tents and other outdoor equipment

- Luggage lining
- Package organizers
- Shoe bags
- Sports bags

- Cosmetic puffs

- Rear decks
- Truck liners

3. **Coatings, Films and Laminates:**

The additive may be incorporated into the finished product at up to 5.0% by weight or at least 0.05% for paper or 0.3% for bulk plastics. Contact TaikiUSA Inc., to determine the appropriate amount of ~~KM10D~~PMG721 for individual finished products. Types of coatings include water-borne, solvent-borne, 100% solids, radiation cure, liquid and powder.

Non-food contact uses (in all cases, as an approved polymer coating for the article):

- Appliances & food processing equipment (including slicers, formers, juicers, washers, canners, freezers, refrigerators, shelving, cookers, grinders, choppers, peelers & countertops) (non-food contact surfaces only)
- Beverage processing equipment (including mixers, transfer equipment, pumps, bottlers, canners and fermentors and dispensers)
- Building materials and components (including wall, hardware, floors, ceilings and component thereof for kitchen, commercial and industrial applications)
- Collection & storage equipment (such as conveyor belts, piping systems, silos, tanks and process vessels)
- Cookware
- Countertops
- Cutting boards
- Dishes
- General purpose containers
- Kitchen, commercial & industrial utensils and supplies
- Natural and synthetic fibers and fabrics
- Packaging
- Paper products (including wipes & tissues, corrugated paper filters)
- Sinks

Non-food contact uses only (in all cases, as an approved polymer coating for the article):

- Air ducts
- Automotive and vehicular parts
- Barrier fabrics
- Cameras & imaging equipment
- Concrete
- Cosmetic bags
- Duffel bag
- Electrical wiring devices & wall plates
- Floors
- Furniture
- Glazing for cement tile
- Glazing for vitreous china used in plumbing fixtures (including toilets, sinks, countertops)
- Heating, ventilation & air conditioning equipment & related materials (including insulation, ducts, heat exchangers, drain pans, air filters, air purifiers, diffusers, & parts & components thereof)
- Industrial equipment
- Laundry bags
- Luggage
- Luggage lining
- Medical devices, equipment & supplies
- office equipment & supplies (including binders, filing & storage systems, pens, pencils, markers, printers, facsimile machines, desk accessories, computers, keyboards, mice, scanners, & printers)
- Packaging
- Packing organizers
- Paper products (including wall coverings, towels, book covers)
- Roofing
- Shingles
- Shoe bags
- Siding
- Spas, bathtubs, showers, & filters and components thereof
- Sports bag accessories
- Sports bags
- Telephones, mobile devices, headphones, head sets & accessories
- Wallboard
- Walls

~~PMG721~~PMG721~~KM10D-G~~ (86106-4)

TaikiUSA

Notification – July 18, 2016, Label Version (1)

6 of 9

4. **Adhesives and Sealants:**

The additive may be incorporated into the finished product at up to 5.0% by weight or at least 0.05% for paper or 0.3% for bulk plastics. Contact TaikiUSA Inc., to determine the appropriate amount of [KM10DPMG721](#) for individual finished products.

Non-food contact uses (in all cases, when used in approved polymers incorporated into adhesives or sealants):

- Grout & joint compound for; countertops, building materials & components & food and beverage related equipment
- Grout and joint compound for; countertops and architectural elements
- Pipe sealants and insulating materials
- Plumbing adhesives

Non-food contact uses only

- Adhesive for cement tile and sealants, etc.
- Adhesives for ceramic tile, wood, paper, cardboard, rubber and plastic
- Adhesives for plywood manufacture
- Adhesives used in the manufacture of wood and plastic composites
- Adhesives, sealants and insulating materials for; appliances, bathrooms, showers, kitchens and construction
- Appliances
- Bathrooms
- Cardboard
- Ceramic tile
- Construction materials
- Glazing for windows
- Grout
- Grout & joint compound
- Paper
- Plastic
- Plywood
- Rubber
- Sealants for pipes
- Sealants for pipes, showers, wood, wood & plastic composites

5. **Paint:**

The additive may be incorporated into liquid or solution, and be used for spraying (ie textile fabrics). Contact TaikiUSA Inc., to determine the appropriate amount of [KM10DPMG721](#) for individual finished products.

Interior & exterior paints

Water based or solvent based paint

6. **Paper Coating:**

The additive may be incorporated into the finished product at up to 5.0% by weight or at least 0.1% for bulk plastics. Contact TaikiUSA Inc., to determine the appropriate amount of [KM10DPMG721](#) for individual finished products.

Non-food contact uses only

- Book covers
- Corrugated paper filters, etc.
- Wallpaper
- Wiping towels

7. **Miscellaneous Applications:**

The additive may be incorporated into the finished product at up to 5.0% by weight. Contact TaikiUSA Inc., to determine the appropriate amount of [KM10DPMG721](#) for individual finished products.

Non-food contact uses only

- Cat litter
- Drainage and sewerage pipe
- Flooring
- Interior paints & coatings
- Medical devices, equipment & supplies
- Plaster
- Sinks
- Slurries & intermediates
- Stucco
- Tile
- Toilets

8. Liquid / Solution for System:

The additive may be incorporated into liquid or solution, and be used for spraying (ie textile fabrics). Contact TaikiUSA Inc., to determine the appropriate amount of ~~KM10D~~PMG721 for individual finished products.

Non-food contact uses only

Liquid or solution for spraying

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

Caution. Harmful if inhaled or absorbed through skin. Causes moderate eye irritation. Avoid breathing dust. Avoid contact with skin, eyes or clothing. Wear goggles or face shield and rubber gloves when handling the dry powder. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove contaminated clothing and wash clothing before reuse.

First Aid	
If Inhaled:	<ul style="list-style-type: none">* Move person to fresh air.* If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.* Call a poison control center or doctor for treatment advice.
If on Skin	<ul style="list-style-type: none">* Take off contaminated clothing.* Rinse skin immediately with plenty of water for 15 – 20 minutes.* Call a poison control center or doctor for treatment advice.
If in Eyes:	<ul style="list-style-type: none">* Hold eye open and rinse slowly and gently with water for 15-20 minutes.* Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.* Call a poison control center or doctor for treatment advice.
Have the product container or label with you when calling a poison control center or doctor or going for treatment.	

Storage and Disposal

Do not contaminate water, food, or feed by storage or disposal.

Pesticide Storage: Do not store in areas accessible to children. Keep product dry and containers covered during storage; store below 130°F. In case of spill or leakage, flood area with large quantities of water.

Pesticide Disposal: Wastes from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Handling: Cardboard Carton and Inner Plastic Bag: Nonrefillable container. Do not reuse or refill this container. Completely empty plastic bag into application equipment, then offer for recycling if available or dispose of empty carton and inner bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.