

71227-6

7/28/2010

10910



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

JUL 28 2010

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

Sinanen Company, Ltd.
4-27, Kaigan 1-Chome, Minato-ku
Tokyo 105, Japan

U.S. Agent:
1150 18th Street, NW
Suite 1000
Washington, DC 20036

Attention Megha Shah Even
Regulatory Scientist

Subject: Zeomic Type AV Silver Zeolite A
EPA Reg. No. 71227-6
Notification Letter Dated July 7, 2010
Application Dated July 7, 2010

This will acknowledge receipt of your notification for the aforementioned product label, submitted under the provisions of Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) Section 3© (9). Based on a review of the submitted material, the following apply:

- Addition to the Storage and Disposal section of the label the phrase, "Nonrefillable container. Do not reuse or refill this container. Triple rinse (or equivalent) promptly after emptying.

The Notification is in compliance with PR Notice 98-10 and is acceptable. This information has been made a part of your file.

If you have any questions concerning this letter, please contact Abigail Downs at (703) 305-5259.

Sincerely,

A handwritten signature in black ink that reads "M Swindell".

Marshall Swindell
Product Manager (33)
Regulatory Management Branch I
Antimicrobials Division (7510CP)

30910



WASHINGTON

1150 18th Street, N.W.
Suite 1000
Washington, D.C. 20036
Telephone 202 223-4392
Fax 202 872-0745

Marshall Swindell
Product Manager 33
Antimicrobial Division (7504P)
Office of Pesticide Products
U.S. Environmental Protection Agency
Room S-4900, One Potomac Yard
2777 South Crystal Drive
Arlington, VA 22202-4501

July 7, 2010

SUBJECT: Notification for Zeomic Type AV Silver Zeolite A (EPA Reg No 71227-6)

Not subject to PRIA

SACRAMENTO

712 Fifth Street
Suite A
Davis, CA 95616
Telephone 530 757-1298
Fax 530 757-1299

Dear Mr. Swindell:

Technology Sciences Group Inc., on behalf of Sinanen Company, Ltd., is submitting an application to amend the storage and disposal section on the label for *Zeomic Type AV Silver Zeolite A*. No data are submitted with this application.

You will find the following included with this submission:

- 1) EPA Application Form;
- 2) One (1) highlighted copy of the label with proposed changes; and
- 3) Three (3) copies of the product label

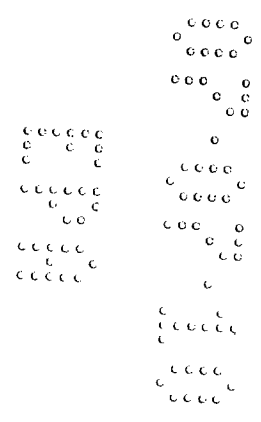
If you have any questions, please feel free to contact me at (202) 828-8954 or meven@tsgusa.com.

CANADA

275 Slater Street
Suite 900
Ottawa, Ontario
K1P 5H9
Telephone 613 247-6285
Fax 613 236-3754

Sincerely,

Megha Shah Even
Regulatory Agent for Sinanen Company, Ltd.



Zeomic® Type AV Silver Zeolite A

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

Active Ingredient:

Silver	0.3 %
Other Ingredients	99.7 %
Total	100.0 %

KEEP OUT OF REACH OF CHILDREN

CAUTION

SEE INSERT LABEL FOR PRECAUTIONARY STATEMENTS

Manufactured by:

Sinanen Company, Ltd.
4-22, Kaigan 1-Chome, Minato-ku
Tokyo 105, Japan

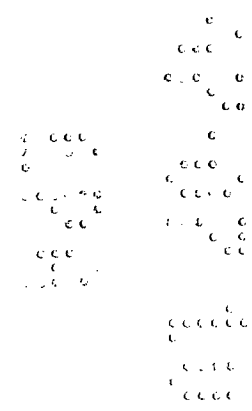
EPA Registration No.

(File Symbol 71227-6)

EPA Establishment No. 71227-JP-001

Net Wt. XXXX

Lot No. XXXXXXXXXX



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*:

- * 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), 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.

- * This product may be used for the following human drinking water contact uses:
 - water filter components and housing units
 - water bottle dispensers and components
 - water dispensers
 - ice machine trays
 - ice machine bins
 - ice machine water hoses
 - ice dispensers and other ice machine components
 - water bottles
 - cups
 - water storage vessels

- * This product may be incorporated into food and water bowls, dishes and other containers used by domestic animals. Do not use for any food or drinking water applications involving non-domestic animals.

Zeomic® Type AV Silver Zeolite A 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. ***Zeomic® Type AV Silver Zeolite A*** suppresses the growth of algae, mold, mildew, fungi and bacteria which cause unpleasant odors, discoloration, staining or deterioration only. No finished product incorporating ***Zeomic® Type AV Silver Zeolite A*** 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

Plastics - including films, sheets, slabs, and molded plastic parts

The additive may be incorporated into the finished product at up to 20.0% by weight or at least 0.3% for bulk plastics. Contact Sinanen Company Ltd. to determine the appropriate amount of Zeomic® Type AV Silver Zeolite A for individual finished products.

Food contact* and non-food contact uses:

- packaging
- gaskets
- general purpose containers
- food and drink containers
- food trays and covers
- sponges
- plastic film
- food wrap (including coated deli paper, coated meat interleavers and plastic wrap)
- tubing
- brush bristles
- liners
- non-woven fabrics
- appliances and equipment
- kitchen and food processing utensils and supplies
- cutting boards
- countertops
- sinks
- tiles
- dishes
- cups
- bottles
- conveyor belts
- food processing equipment (including slicers, formers, juicers, washers, canners, freezers, refrigerators, shelving, cookers, grinders, choppers, peelers and countertops)
- beverage processing equipment (including mixers, transfer equipment, pumps, bottlers, canners, dispensers and fermenters)

Non-food contact uses only:

- automobile parts
- shower curtains
- mats
- protective covers
- tape
- waste containers
- brush handles
- mops
- vacuum cleaner bags
- insulators
- indoor and outdoor furniture
- insulation for wire and cable
- plumbing supplies and fixtures (including toilet bowl seats)
- siding for housing
- kitchen and bathroom hardware
- flooring
- floor coverings
- footwear (including boots, sports equipment and tools)

Fibers

The additive may be incorporated into the finished product at up to 20.0% by weight or at least 0.5% for fibers. Contact Sinanen Company Ltd. to determine the appropriate amount of Zeomic® Type AV Silver Zeolite A for individual finished products.

Food contact* and non-food contact uses (in all cases, when the article itself is an approved polymer, or as an approved polymer coating on an article):

- napkins, tablecloths and wiping cloths
- bags
- brush bristles
- filters
- clothing apparel (including uniforms, outerwear, gloves, aprons, coats and shoes)
- sponges
- packaging (including bags, sacks, wraps, cushion and absorbent materials, and containers)
- conveyor belts
- kitchen, commercial and industrial wipes and fabrics

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 -

- mattress cover pads and filling
- pillow covers
- sheets
- blankets
- fiberfill for quilts and pillows
- curtains
- draperies
- carpet and carpet underlay
- rugs
- upholstery
- mops
- towels
- wall covering fabrics
- cushion pads
- sleeping bags

Transportation –

- automotive and truck upholstery
- carpeting
- rear decks
- trunk liners
- convertible tops
- interior liners

Industrial and Other Household Items -

- artificial leather
- filters
- book covers
- mops
- cloth for sails
- ropes
- tents and other outdoor equipment
- tarps
- awnings

Apparel –

- umbrellas
- outerwear
- sportswear
- sleepwear
- stockings
- socks and hosiery
- caps
- undergarments
- inner liners for jackets
- helmets
- trim for outerwear and garments

Coatings, Films and Laminates

The additive may be incorporated into the finished product at up to 20.0% by weight, or at least 0.05% for paper or 0.3% for bulk plastics. Contact Sinanen Company Ltd. to determine the appropriate amount of Zeomic® Type AV Silver Zeolite A for individual finished products. Types of coatings include water-borne, solvent-borne, 100% solids, radiation cure, liquid and powder.

Food contact* and non-food contact uses (in all cases, as an approved polymer coating for the article):

packaging
 paper products (including wipes and tissues)
 food wrap (including coated deli paper, coated meat interleavers and plastic wrap)
 natural and synthetic fibers and fabrics
 sinks
 countertops
 cutting boards
 dishes
 cookware
 general purpose containers
 kitchen, commercial and industrial utensils and supplies
 collection and storage equipment (including conveyor belts, piping systems, silos, tanks and process vessels)
 appliances and food processing equipment (including slicers, formers, juicers, washers, canners, freezers, refrigerators, shelving, cookers, grinders, choppers, peelers and countertops)
 beverage processing equipment (including mixers, transfer equipment, pumps, bottlers, canners and fermenters and dispensers)
 building materials and components (including walls, hardware, floors, ceilings and components thereof for kitchen, commercial and industrial applications)

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

walls
 wallboard
 floors
 concrete
 siding
 roofing
 shingles
 industrial equipment
 furniture
 automotive and vehicular parts
 packaging
 paper products (including wall coverings, towels, book covers)
 barrier fabrics
 glazing for cement tile
 glazing for vitreous china used in plumbing fixtures (including toilets, sinks, countertops)

Adhesives and Sealants

The additive may be incorporated into the finished product at up to 20.0% by weight, or at least 0.05% for paper or 0.3% for bulk plastics. Contact Sinanen Company Ltd. to determine the appropriate amount of Zeomic® Type AV Silver Zeolite A for individual finished products.

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

plumbing adhesives
pipe sealants and insulating materials
grout and joint compound for; countertops, architectural elements and food and beverage related equipment

Non-food contact uses only:

adhesives used in the manufacture of wood and plastic composites
adhesives for ceramic tile, wood, paper, cardboard, rubber and plastic
glazing for windows
grout
sealants for pipes
adhesives, sealants and insulating materials for; appliances, bathrooms, showers, kitchens and construction

Miscellaneous Applications

The additive may be incorporated into the finished product at up to 20.0% by weight. Contact Sinanen Company Ltd. to determine the appropriate amount of Zeomic® Type AV Silver Zeolite A for individual finished products.

Non-food contact uses only:

toilets
sinks
tile
flooring
stucco
plaster
cat litter
drainage and sewerage pipe

PRECAUTIONARY STATEMENTS

Hazards to Humans: Harmful if inhaled or absorbed through skin. Causes moderate eye irritation. Avoid breathing dust. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

First Aid:

If on skin: Wash with plenty of soap and water.

If inhaled: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

If in eyes: Flush with plenty of water. Call a physician if irritation persists.

Storage and Disposal

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

Pesticide Storage: Do not store in areas accessible to children. Keep product dry and containers covered during storage; store below 130°F.

Container Disposal: Inner Plastic Bag: Completely empty plastic bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke. **Outer Steel Can:** Nonrefillable container. Do not reuse or refill this container. Triple rinse (or equivalent) promptly after emptying. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities.

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