

71227-6

4/17/2012

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON D C 20460

APR 17 2012

OFFICE OF
PREVENTION PESTICIDES
AND TOXIC SUBSTANCES

Ms Erin Tesch
Regulatory Agent for,
c/o Sinanen Company, Ltd
1150 18th Street, N W
Suite 1000
Washington, D C 20036

Subject Zeomic Type AV Silver Zeolite A
EPA Registration Number 71227-6
Your Amendment Dated January 18, 2012
EPA Received Date January 18, 2012

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, FIFRA, as amended, to revise the product labeling to comply with PR Notice 2001-1 as well as to add the NSF logo, is acceptable

A stamped copy of the labeling is enclosed

If you have questions concerning this letter, please contact Karen M Leavy at (703)-308-6237

Sincerely,

A handwritten signature in cursive script that reads "Marshall Swindell".

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

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

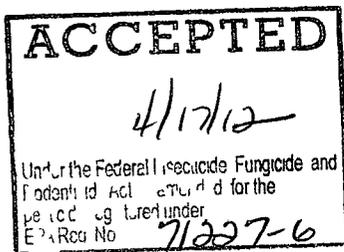
SEE INSERT LABEL FOR PRECAUTIONARY STATEMENTS

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

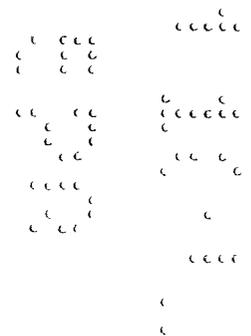
EPA Registration No 71227-6
EPA Establishment No 71227-JPN-001

Net Wt XXXX

Lot No XXXXXXXXXX



Standard 51 Listed



Directions for Use

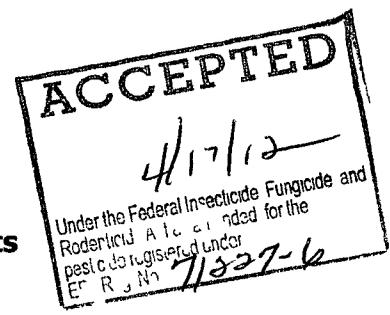
It is a violation of Federal Law to use this product in a manner inconsistent with its labeling

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

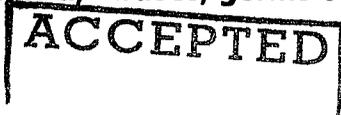
* This product may be used for the following human drinking water contact uses

- 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

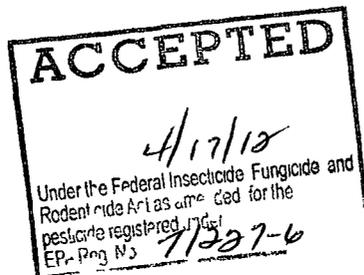
The additive may be incorporated into the finished product at up to 20 0% by weight or at least 0 3% for bulk plastics Contact Sinanen Company Ltd to determine the appropriate amount of Zeomic® Type AV Silver Zeolite A for individual finished products

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 -

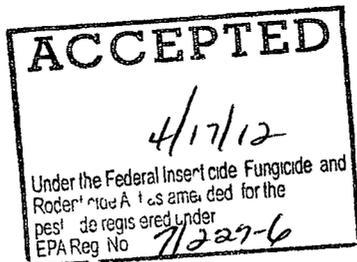
- automotive and truck upholstery
- carpeting
- rear decks
- trunk liners
- convertible tops
- interior liners

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

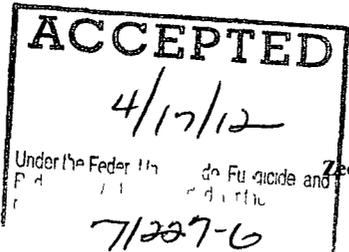
The additive may be incorporated into the finished product at up to 20 0% by weight, or at least 0 05% for paper or 0 3% for bulk plastics Contact Sinanen Company Ltd to determine the appropriate amount of Zeomic® Type AV Silver Zeolite A for individual finished products Types of coatings include water-borne, 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

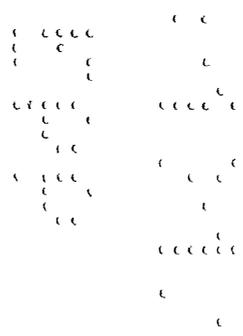
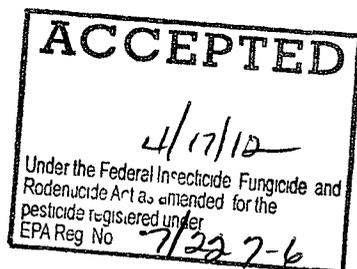
adhesives used in the manufacture of wood and plastic composites
adhesives for ceramic tile, wood, paper, cardboard, rubber and plastic
glazing for windows
grout
sealants for pipes
adhesives, sealants and insulating materials for, appliances, bathrooms, showers, kitchens and construction

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 Wear goggles or face shield and rubber gloves when handling the dry powder Wash thoroughly with soap and water after handling Remove contaminated clothing and wash clothing before reuse

FIRST AID	
If on skin or clothing	<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 eye • Call a poison control center or doctor for treatment advice
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 by mouth-to-mouth, if possible • Call a poison control center or doctor for further treatment advice
If swallowed	<ul style="list-style-type: none"> • Call poison control center or doctor immediately for treatment advice • Have person sip a glass of water if able to swallow • Do not induce vomiting unless told to do so by the poison control center or doctor • Do not give anything by mouth to an unconscious person
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 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 Nonrefillable container Do not reuse or refill in inner plastic bag or outer steel can **Inner Plastic Bag** Completely empty plastic bag into application equipment Then offer for recycling if available or 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** Offer for recycling if available or reconditioning if appropriate, 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

