

71227-1

7-14-2000

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Zeomic® Type AJ10D

Silver Zeolite A

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

Active Ingredient:

Silver	2.5 %
Other Ingredients	97.5 %
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. 71227-1
EPA Establishment No. 71227-JP-001

Net Wt. XXXX

Lot No. XXXXXXXXXX

ACCEPTED

JUL 14 2000

Under the Federal Insecticide, Fungicide, and
Rodenticide Act as amended, for the
pesticide, registered under
EPA Reg. No. 71227-1

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ACCEPTED

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Rodenticide Act as amended, for the
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EPA Reg. No. 71227-1

Directions for Use

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

This product may not be used for any applications involving food contact, food packaging, or animal drinking water. This product may be used only for the following human drinking water contact uses: ice machine trays, water filter components and housing units, water bottle dispensers, ice machine bins, and ice machine water hoses.

Zeomic® Type AJ10D Silver Zeolite A is an antimicrobial additive to be used for compounding many polymeric materials. It is designed to be incorporated into the materials listed below during the manufacturing process to impart antimicrobial activity to the manufactured products. *Zeomic® Type AJ10D Silver Zeolite A* suppresses the growth of bacteria, algae, fungus, mold and mildew. If growth of bacteria and mold in the finished product could lead to unpleasant odors and discoloration of the product, then such a claim may be made. Finished products containing *Zeomic® Type AJ10D Silver Zeolite A* may not make public health claims relating to antimicrobial activity without an EPA pesticide registration.

Types of Polymers for Finished Products

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

Resins: Including polyester (PET, PBT, and PEN), polyamide (Nylon), polyimide, polypropylene (PP), polyethylene (PE), polybutylene, polymethylpentene (PMP), polysiloxane, polyvinyl alcohol (PVOH), polyvinylacetate (PVA), ethylene-vinylacetate (EVA), polyvinyl chloride (PVC), polyvinylidene chloride (PVDC), epoxy, phenolic, polycarbonate, cellulose, cellulose acetate, polystyrene, polyurethane, acrylics, polymethyl methacrylate, acrylonitrile-butadiene-styrene copolymer (ABS), acrylonitrile-styrene-acrylic copolymers (ASA), acetals, polyketones, polyphenylene ether, polyphenylene sulfide, polyphenylene oxide, polysulfones, liquid crystal polymers and fluoropolymers, amino resins, thermo plastic elastomers, rubbers (including styrene butadiene rubber, acrylonitrile butadiene rubber, CR), polyacetal (polyoxymethylene), and blends and copolymers thereof.

Applications: This product may not be used for any applications involving food contact, food packaging, or animal drinking water. This product may be used only for the following human drinking water contact uses: ice machine trays, water filter components and housing units, water bottle dispensers, ice machine bins, and ice machine water hoses.

Uses include automobile parts, shower curtains, mats, protective covers, tape, packaging, gaskets, waste containers, general purpose containers, brush handles, sponges (non-food contact), mops, vacuum cleaner bags, insulators, plastic film, indoor and outdoor furniture, tubing, insulation for wire and cable, plumbing supplies and fixtures, siding for housing, liners, non-woven fabrics, kitchen and bathroom hardware, appliances and equipment, countertops (non-food contact), sinks (non-food contact), flooring, floor covering, tiles, conveyor belts (non-food contact), footwear including boots, sports equipment and tools.

The additive may be incorporated into the finished product at up to 5.0% by weight or at least 0.3% for bulk plastics. Contact Sinanen Company Ltd. Technologies LLC to determine the appropriate amount of *Zeomic® Type AJ10D Silver Zeolite A* for individual finished products.

2) Fibers

Resins: Including acetate, polyester (PET and PTT), polyolefin, polyethylene, polypropylene, polyamid including "Nylon," acrylics, viscose, polyurethane, and "Rayon," polyvinyl alcohol, polyvinyl chloride, polyvinylidene chloride, polysaccharide, and copolymers and blends thereof.

Applications: This product may not be used for any applications involving food contact, food packaging, or animal drinking water. This product may be used only for the following human drinking water contact uses: ice machine trays, water filter components and housing units, water bottle dispensers, ice machine bins, and ice machine water hoses.

Uses include:

Interior furnishings: Mattress cover pads and filling, pillow covers, sheets, blankets, fiberfill for quilts and pillows, curtains, draperies, carpet and carpet underlay, rugs, upholstery, wiping cloths, mops, towels, bags, wall covering fabrics, cushion pads, sleeping bags, brush bristles (non-food contact).

Transportation: Automotive and truck upholstery, carpeting, rear decks, trunk liners, convertible tops and interior liners.

Apparel: Umbrellas, outerwear, uniforms, coats, aprons, sportswear, sleepwear, stockings, socks, hosiery, caps and undergarment and inner liners for jackets, shoes, gloves and helmets, trim for outerwear and undergarments

Industrial and other Household Items: Brush bristles (non-food contact), artificial leather, filters, book covers, mops, cloth for sails, ropes, tents and other outdoor equipment, tarps, and awnings.

The additive may be incorporated into the finished product at up to 5.0% by weight or at least 0.5% for fibers. Contact Sinanen Company Ltd. Technologies LLC to determine the appropriate amount of Zeomic® Type AJ10D Silver Zeolite A for individual finished products.

3) Coatings, Films and Laminates

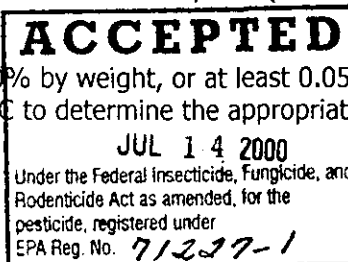
Resins: Including alkyds, amino resins (melamine formaldehyde and urea formaldehyde), polyester (unsaturated polyester, PET, PBT, and PEN), polyamide (Nylon), polyimide polypropylene (PP), polyethylene (PE), polybutylene, polymethylpentene (PMP), polysiloxane, polyvinyl alcohol (PVOH), polyvinylacetate (PVA), ethylene-vinylacetate (EVA), polyvinyl chloride (PVC, including plastisol), polyvinylidene chloride (PVDC), epoxy, phenolic, polycarbonate, cellulose acetate, polystyrene, polyurethane, acrylics, polymethyl methacrylate, acrylonitrile-butadiene-styrene copolymer (ABS), acrylonitrile-styrene-acrylic copolymers (ASA), acetals, polyketones, polyphenylene ether, polyphenylene sulfide, polyphenylene oxide, polysulfones, liquid crystal polymers and fluoropolymers, thermo plastic elastomers, rubbers (including styrene butadiene rubber, acrylonitrile butadiene rubber, CR), polyacetal (polyoxymethylene), and blends and copolymers thereof.

Types of coatings: water-borne, solvent-borne, 100% solids, radiation cure, and liquid and powder coatings.

Applications: **This product may not be used for any applications involving food contact, food packaging, or animal drinking water. This product may be used only for the following human drinking water contact uses: ice machine trays, water filter components and housing units, water bottle dispensers, ice machine bins, and ice machine water hoses.**

Uses include walls, wallboard, floors, concrete, siding, roofing, shingles, industrial equipment, natural and synthetic fibers and fabrics, furniture, automotive and vehicular parts, packaging, paper products (wall coverings, towels, book covers), barrier fabrics, and glazing for cement tile and for vitreous china used in plumbing fixtures such as toilets, sinks (non-food contact) and countertops (non-food contact) other than kitchen countertops.

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 Sinanen Company Ltd. Technologies LLC to determine the appropriate amount of Zeomic® Type AJ10D Silver Zeolite A for individual finished products.



4) Adhesives and Sealants

Resins: Including alkyds, amino resins (melamine formaldehyde and urea formaldehyde), polyester (unsaturated polyester, PET, PBT, and PEN), polyamide (Nylon), polyimide polypropylene (PP), polyethylene (PE), polybutylene, polymethylpentene (PMP), polysiloxane, polyvinyl alcohol (PVOH), polyvinylacetate (PVA), ethylene-vinylacetate (EVA), polyvinyl chloride (PVC, including plastisol), polyvinylidene chloride (PVDC), epoxy, phenolic, polycarbonate, cellulose acetate, polystyrene, polyurethane, acrylics, polymethyl methacrylate, acrylonitrile-butadiene-styrene copolymer (ABS), acrylonitrile-styrene-acrylic copolymers (ASA), acetals, polyketones, polyphenylene ether, polyphenylene sulfide, polyphenylene oxide, polysulfones, liquid crystal polymers and fluoropolymers, thermo plastic elastomers, rubbers (including styrene butadiene rubber, acrylonitrile butadiene rubber, CR), polyacetal (polyoxymethylene), and blends and copolymers thereof.

Methods of application: hot-melt, aqueous, solvent borne, 100% solids, radiation cure.

Applications: **This product may not be used for any applications involving food contact, food packaging, or animal drinking water. This product may be used only for the following human drinking water contact uses: ice machine trays, water filter components and housing units, water bottle dispensers, ice machine bins, and ice machine water hoses.**

Uses include 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.

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5) Miscellaneous Applications

Materials: Clay, ceramics, concrete, sand and grout.

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Uses include toilets, sinks (non-food contact), tile, flooring, stucco, plaster, cat litter, drainage and sewerage pipe.

The additive may be incorporated into the finished product at up to 5.0% by weight. Contact Sinanen Company Ltd.Technologies LLC to determine the appropriate amount of Zeomic® Type AJ10D Silver Zeolite A for individual finished products.

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 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: Triple rinse (or equivalent). 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.

