

71227-3

02/11/2000

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Zeomic[®]

Type AJ10H

Silver Zeolite A

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

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Active ingredient:	
Silver	2.7%
Other ingredients	97.3%
TOTAL:	100.0%

KEEP OUT OF REACH OF CHILDREN

CAUTION

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.

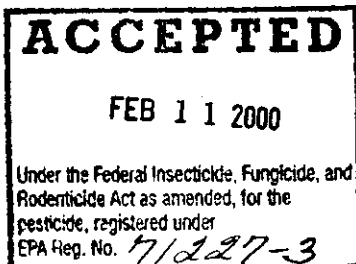
EPA Registration No. 71227-3

A product of:

EPA Establishment No. 71227-JP-001

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

Net Weight 20Kg



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.

WARRANTY STATEMENT

SINANEN COMPANY, LTD. warrants that this product conforms to the chemical description on the label. **SINANEN COMPANY, LTD.** makes no warranties of merchantability of fitness for a particular purpose nor any other expressed or implied.

ACCEPTED
FEB 11 2000
Under the Federal Insecticide, Fungicide, and
Rodenticide Act as amended, for the
pesticide, registered under
EPA Reg. No. 71227-3

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, and human drinking water.

Zeomic® Type AJ10H 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 AJ10H 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 AJ10H Silver Zeolite A* may not make public health claims relating to antimicrobial activity without an EPA pesticide registration.

ACCEPTED
FEB 11 2000
Under the Federal Insecticide, Fungicide, and
Rodenticide Act as amended, for the
pesticide, registered under
EPA Reg. No. **71227-3**

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 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 plastics 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, and human drinking water. Including automobile parts, shower curtains, mats, protective covers, tape, packaging, gaskets, waste containers, general purpose containers, brush handles, sponges, 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, sinks, flooring, floor covering, tiles, dishes, conveyer belts, footwear including boots, sports equipment and tools. The additive may be incorporated into the finished product at up to 5.0% by weight.

2) Fibers.

Resins: Including acetate, polyester (PET and PTT), polyolefins, polyethylene, polypropylene, polyamide 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, and human drinking water.

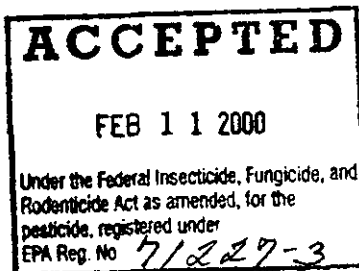
Interior furnishings: Mattress cover pads and filling, pillow covers, sheets, blankets, fiberfill for quilts and pillows, curtains, draperies, carpet and carpet underlay, rugs, upholstery, table cloths, napkins, wiping cloths, mops, towels, bags, wall covering fabrics, cushion pads, sleeping bags, brush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

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

Apparel: Umbrellas, outerwear, uniforms, coats, aprons, sportwear, 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, 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.



3) Coatings, films and laminates.

Resins: Including alkyds, amino resins (melamine formaldehyde and urea formadehyde) 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, cellulotics, 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, and human drinking water. Including 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, and countertops other than kitchen countertops. The additive may be incorporated into the finished product at up to 5.0% by weight.

4) Adhesives and sealants.

Resins: Including alkyds, amino resins (melamine formaldehyde and urea formadehyde) 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, cellulotics, 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, and human drinking water. Including 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. The additive may be incorporated into the finished product at up to 5.0% by weight.

5) Miscellaneous Applications.

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

Applications: This product may not be used for any applications involving food contact, food packaging, and human drinking water. Including toilets, sinks, 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.

