

OCT -2 2007

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460United States
Environmental Protection
AgencyOffice of Pesticide ProgramsLanxess Corporation
111RIDC Park West Drive
Pittsburgh, PA 15275-1112Attention: Luanne Jeram
Regulatory Affairs PrincipalSubject: Metasol TK- 100
EPA Registration No.39967-33
Amendment Dated September 6, 2007

The amendment, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable.

- To Update the Product Label

A stamped copy of the "accepted" labeling is enclosed for your records.

If you have any questions concerning this letter, please contact Martha Terry at (703) 308-6217.

Sincerely

A handwritten signature in black ink that reads "Martha Terry" followed by a stylized flourish.

Marshall Swindell
Product Manager 33
Regulatory Management Branch 1
Antimicrobials Division (7510P)

Enclosure

METASOL[®] TK-100

with ~~CONTROLS~~ THE GROWTH OF MOLD AND MILDEW ON ADHESIVE FILMS, SEALANTS, GROUT, PAINT FILMS, PAPER PRODUCTS, HEATING AND COOLING SYSTEM FILTERS AND/OR ROOM AIR CLEANERS/PURIFIERS AND NATURAL AND SYNTHETIC FIBERS.

EPA Letter Date

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ACTIVE INGREDIENT: 2-(4-Thiazolyl)Benzimidazole _____ 99.5%
INERT INGREDIENTS _____ 0.5%
TOTAL _____ 100%

Under the Federal Insecticide, Fungicide, and Rodenticide Act, amended, for the pest registered under EPA # 39967-33

KEEP OUT OF REACH OF CHILDREN

CAUTION

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION. Harmful if swallowed, inhaled or absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes and clothing. Avoid breathing dust. Wear chemical resistant gloves, eye protection, long sleeved shirt, long pants, shoes, and socks when handling. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. User should remove clothing/PPE immediately if pesticide gets inside or after handling this product. Wash the outside of gloves before removing. Wash thoroughly and put on clean clothing. Wash contaminated clothing before reuse.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Keep container closed when not in use.

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

PLASTIC CONTAINERS: Do not reuse container. Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Dispose of plastic liner and metal drums as per instructions below.

METAL CONTAINERS: 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.

When the water-soluble bags have been removed, dispose of corrugated box in a sanitary landfill, by incineration, or, if allowed by State and Local Authorities, by burning. If burned, stay out of smoke.

ENVIRONMENTAL HAZARDS

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

FIRST AID

IF SWALLOWED: Call a 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 by a poison control center or doctor. Do not give anything to an unconscious person.

IF ON SKIN OR CLOTHING: 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: Hold eyes 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.

IF INHALED: 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.

Have the product container or label with you when calling a poison control center or when going for treatment.

IN CASE OF EMERGENCY, CALL: CHEMTREC: 800-424-9300

EPA REGISTRATION NUMBER: 39967-33

EPA ESTABLISHMENT NUMBER:

INTERNATIONAL 703-527-3887

Net Contents:

Lot No.:

TYPICAL LEVELS OF USE

The following ranges for specific product applications are based on total formulation weight. Exact levels will depend on individual formulation components, production procedures, storage time, and environmental conditions, and should be determined by laboratory testing.

Effective Product Application Concentration	
Adhesives	0.05 - 0.15%
Paints	
Exterior	0.05 - 0.4%
Interior	0.01 - 0.1%
Paper Products	0.02 - 0.1%
Sealants	0.01 - 0.1%
Grout	0.05 - 0.8%
Canvas Textiles	0.05 - 0.3%
Nylon Carpeting	0.05 - 0.5%
Air filters (heating & cooling filters) and/or room air cleaner/purifiers	0.1 - 0.5%
Plastics	
Vinyl chloride or Urethane	0.1 - 0.3%
Polypropylene, Polyethylene, or Nylon	0.2 - 0.3%

* Metasol is a registered trademark of LANXESS Corporation.

Product manufactured in India

DIRECTIONS FOR USE

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

ADHESIVE FILMS: Normal TK-100 dosages for adhesives range from 0.05 to 0.15%. METASOL TK-100 can be incorporated with the makeup water. Other LANXESS preservatives should be incorporated into the aqueous adhesive formulations to inhibit in-can microbial degradation during shelf storage. METASOL TK-100 should not be used where the treated adhesive comes in contact with food packaging materials or on food contact surfaces. (Not to be used in the State of California to preserve adhesives)

PAINT FILMS: Normal TK-100 dosages for exterior paints range from 0.05 up to 0.4%. In interior paints, dosages range from 0.01 up to 0.1%. METASOL TK-100 should be incorporated into the pigment grind phase of the paint making operation. Other LANXESS preservatives should be incorporated into latex paint formulations to inhibit any microbial degradation during shelf storage.

SEALANTS: Metasol TK-100 should be incorporated into the sealant formulation to inhibit any microbial growth on the sealant or part coated by the sealant during the use of the part. (Not to be used in the State of California to preserve sealants) **GROUT:** METASOL TK-100 should be added at concentrations ranging from 0.05% - 0.8% for superior preservation of a grout system. Add METASOL TK-100 to dry batch of grout material and blend for 3 minutes to achieve adequate long-term microbial protection. (Not to be used in the State of California to preserve Grout) **PAPER PRODUCTS:** METASOL TK-100 is most efficiently applied via the size tub or water trough.

The tub-size or water-trough solutions should be adjusted to a pH below 4.0. The METASOL TK-100 should then be added with thorough agitation. The METASOL TK-100 should be applied at dosage levels from 0.02 to 0.1% based on the finished paper weight. For use in a coating color, the METASOL TK-100 should be added with agitation to the makeup water. METASOL TK-100 is a fungicide only. Other LANXESS preservatives should be incorporated into sizing solutions to inhibit any microbial degradation during shelf storage. NOTE: METASOL TK-100 should be used only for the manufacture of non-food grade paper products. METASOL TK-100 has not been cleared for use in paper or paperboard products intended for use in contact with food. (Not to be used in the State of California to preserve paper products) **AIR FILTERS (heating & cooling filters and/or room air cleaners/purifiers):** For protection against mold and mildew, METASOL TK-100 may be incorporated directly into the hot melt. METASOL TK-100 may also be added with moderate agitation to the latex binder before spraying onto the web. Dosage concentrations in either case range from 0.1 to 0.5% based on total weight of the formulation. (Not to be used in the State of California to preserve air filters) **PLASTICS:** Add to master batch after melting pellets. Allow time for uniform mixing before injection. METASOL TK-100 should not be used where treated plastic comes in contact with food packaging materials or on food contact surfaces. (Not to be used in the State of California to preserve plastics) **CANVAS TEXTILES:** The simplest treatment method is to prepare a trough with water at pH 3-4 and then to add the METASOL TK-100 to obtain the desired concentration. The fabric is passed through the solution until the proper amount of solution is absorbed onto the fabric. A wetting agent may be used to aid the solution in penetrating the fabric. The METASOL TK-100 should be applied at dosage levels from 0.05 to 0.3% based on finished fabric weight. The amount necessary to provide the desired protection against mold and mildew can then be determined. If deposition of METASOL TK-100 onto the canvas is desired, a subsequent wash with a 1% soda ash solution will suffice. This can be followed by normal processing steps of the canvas textile. METASOL TK-100 should be used for manufacture of canvas textiles only, such as tents and awnings. (Not to be used in the State of California to preserve canvas textiles) **NYLON CARPETING:** Using conventional methods such as spin finish or melt blending, apply 0.05 (spin finish) to 0.5% (melt blending) of METASOL TK-100 based on total weight of the material being used. (Not to be used in the State of California to preserve nylon carpeting)

LANXESS

LANXESS Corporation
111 RIDC Park West Drive, Pittsburgh, PA 15275-1112

LABEL TEXT DATE: DRAFT

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