

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC
ANIMALS**

CAUTION.

Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling. Do not contaminate water by cleaning of equipment or disposal of wastes.

STORAGE AND DISPOSAL

PESTICIDE STORAGE. Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticide, fertilizers, food and feed. Store in the original container and out of the reach of children, preferably in locked storage area.

PESTICIDE DISPOSAL

Pesticide wastes are toxic. Improper disposal of excess pesticide, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the hazardous waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL Do not reuse empty container.

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.

PLASTIC CONTAINERS: Dispose of as for metal containers. May also be incinerated, or if allowed by state and local authorities, by burning. If burned, stay out of smoke. Do not contaminate water, food or feed by storage and disposal.

POUCHES AND DISPENSER are stable during normal shipping, handling and storage conditions, even when exposed to freezing and may be disposed in approved waste facilities.



Bayer Chemicals

METASOL® TK-50 AD

TO INHIBIT THE GROWTH OF MOLD AND MILDEW ON ADHESIVE FILMS, PAINT FILMS, PAPER PRODUCTS, AND NATURAL AND SYNTHETIC FIBERS

ACTIVE INGREDIENT:

2-(4-Thiazolyl) Benzimidazole50 %
INERT INGREDIENTS.....50 %

This Product Contains 10 Lbs/ Metasol TK-50 AD Per Gallon

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

FIRST AID

If in eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

IN CASE OF EMERGENCY, CALL: CHEMTREC 800-424-9300
INTERNATIONAL (703)-527-3887

EPA Reg. No. 39967-43

Net contents:

BAYER CHEMICALS CORPORATION

100 Bayer Road
Pittsburgh, PA 15205

ACCEPTED

FEB 18 2004

Active ingredient manufactured in India

Under the Federal Insecticide, Fungicide, and
Rodenticide Act as amended, for the
pesticide, registered under
EPA Reg. No. 39967-43

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 into sewer systems without previously notifying the sewer treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

(containers smaller than 5 gallon)

Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of waste.

DIRECTIONS FOR USE

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

PAPER PRODUCTS

Metasol TK-50 AD is most efficiently applied via the tub or water trough. The tub-size or water-trough solutions should be adjusted to a pH below 4.0. The Metasol TK-50 AD should then be added with thorough agitation. Effective dosage levels will range from 0.04 to 0.2% Metasol TK-50 AD based on the finished paper weight.

Note: Metasol TK-50 AD is a fungicide only. Other Bayer Chemical preservatives should be incorporated into sizing solutions to inhibit microbial degradation during shelf life. Metasol TK-50 AD should only be used for non-food grade paper products.

CANVAS TEXTILES

The simplest treatment method is to prepare a trough with water at pH 3- and then add the Metasol TK-50 AD to obtain the desired concentration. The fabric is passed through the solution until the proper amount of solution is absorbed on the fabric. A wetting agent may be used to aid the solution in penetrating the fabric. The Metasol TK-50 AD should be applied at dosage levels from 0.1 to 0.6% 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-50 AD on the canvas is desired, a subsequent wash with 1% soda ash solution will suffice. This can be followed by normal processing steps of the canvas textile. Metasol TK-50 AD should be used for manufacture of canvas textiles only, such as tents and awnings.

NYLON CARPETING

Using conventional methods such as spin finish application or melt blending, apply 0.05% (spin finish) to 0.5% (melt blending) of Metasol TK-50 AD based on total weight of the material being used.

FILMS - Exterior/Interior (Including Coating for Heating and Air Conditioning Systems)

Inhibits Mildew on interior and exterior Paints

**Blends easily into all standard Latex Type and Oil
Base Paint Formulations**

39967-43

02/18/2004

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For use in interior or exterior paints

Metasol TK-50 AD can be added at any stage in the formulation provided there is sufficient agitation to properly disperse it throughout the finished product. Levels will range from 0.01% to 0.8 % by weight of Metasol TK-50 AD depending on the application. This can be determined by laboratory evaluation using the following guidelines:

Paint	
Interior latex Based paint	0.02 - 0.15%
Exterior Latex Based Paint	0.05 - 0.30%
Exterior Zinc Oxide latex Paint	0.03 - 0.20%

Adhesives	
Latex Based Adhesives	0.05 - 0.30%
Starch Based Adhesives	0.10 - 0.60%
Dextrine Based Adhesives	0.10 - 0.60%
Casein Based Adhesives	0.30 - 0.80%

Paper Products	
Based on Finished Paper Weight	0.01 - 0.20%

Natural and Synthetic Fiber	
Canvas Textiles	0.10 - 0.60%
Nylon and Other Synthetics	0.10 - 0.80%

Paint dispenser (64 fluid ounces Treats 215 Gallons of paint or stain)

The Calgon Tiabendazole Dispersion W Dispenser is calibrated to so that when fully pressed down, it will release sufficient mildewicide to treat one (1) gallon of paint. To treat five gallons of paint the dispenser will need to be pressed down and released five (5) times, and so on. Shake or stir the thoroughly, then use the paint as directed. For use in interior or exterior paints.

Note that this dispenser provides effective protection for normal painted surfaces. For extremely damp area prone to mildew, two pumps should be used and for New York housing authority specifications 3-4 pumps depending on the protection needed.

Paint Pouch (50 grams)

Add contents (50) grams to five (5) gallons of paint or stain. Shake or stir thoroughly, then use paint as directed. For use in interior or exterior paints

Note that this dispenser provides effective protection for normal painted surfaces. For extremely damp area prone to mildew, two pouches should be used and for New York housing authority specifications 3-4 pouches, depending on the protection needed.

Paint Pouch (10 grams)

Add contents (10) grams to one (1) gallons of paint or stain. Shake or stir thoroughly, then use paint as directed.

Note that this dispenser provides minimum effective protection for normal painted surfaces. For extremely damp area prone to mildew, two pumps should be used and for New York housing authority specifications 3-4 pumps depending on the protection needed.

Note:

Do not use for any paint applications involving direct or indirect food or drinking water contact.

NOTICE TO BUYER: Seller's guarantee shall be limited to the terms set out on the label and subject thereto. The buyer assumes the risk to persons or property arising from the use or handling of this product and accepts the product on that condition.

* Metasol is a registered trademark of Bayer Chemicals Corporation

