

UTIONARY STATEMENTS
TO HUMANS AND DOMESTIC
ANIMALS



Bayer Chemicals

METASOL® TK-50 AD

INHIBITS MILDEW AND MOLD ON INTERIOR AND
EXTERIOR PAINTS, STAINS, ADHESIVE FILMS,
SUCH AS WALLPAPER ADHESIVES, PAPER
PRODUCTS, AND NATURAL AND SYNTHETIC
FIBERS

ACTIVE INGREDIENT:

2-(4-Thiazolyl) Benzimidazole 50 %

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

AUG 16 2004

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

Active ingredient manufactured in India.

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.

(containers smaller than 5 gallon)

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

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 Chemicals
preservatives should be incorporated into sizing solutions to inhibit any
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-
4 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 onto 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 - Metasol TK-50 AD is a fungicide which
prevents mold and mildew for all paint, varnish, and adhesive
films. Metasol TK-50 AD blends easily into all standard
Latex Type and Oil Base Paint, Coating and Adhesive
Formulations.

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For 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 Triabendazole 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 thoroughly, then apply as directed by manufacturer. Surfaces to be painted or papered should be cleaned thoroughly with an appropriate cleaner according to manufacturer instructions.

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 apply as directed by manufacturer. Surfaces to be painted or papered should be cleaned thoroughly with an appropriate cleaner according to manufacturer instructions.

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, stain or wallpaper adhesive. Shake or stir thoroughly, then apply as directed by manufacturer. Surfaces to be painted or papered should be cleaned thoroughly with an appropriate cleaner according to manufacturer instructions.

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

