



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

November 4, 2016

Marcia Croce  
Regulatory Affairs Specialist  
Lanxess Corporation  
111 RIDC Park West Drive  
Pittsburgh, PA 15275-1112

Subject: Label Amendment – Adding Caulks and Sealants Use  
Product Name: Metasol TK-25 AD  
EPA Registration Number: 39967-42  
Application Date: June 16, 2016  
Decision Number: 518832

Dear Ms. Croce:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance

Page 2 of 2  
EPA Reg. No. 39967-42  
Decision No. 518832

with FIFRA section 6. If you have any questions, please contact Terria Northern by phone at 703-347-0265, or via email at [northern.terria@epa.gov](mailto:northern.terria@epa.gov).

Sincerely,

A handwritten signature in black ink, appearing to read "Julie Chao".

Julie Chao, Product Manager 33  
Regulatory Management Branch 1  
Antimicrobials Division (7510P)  
Office of Pesticide Programs

Enclosure: Accepted label

# METASOL<sup>®</sup> TK-25 A.D.

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

ACTIVE INGREDIENT: 2-(4-Thiazolyl)Benzimidazole -----25%  
INERT INGREDIENTS -----75%  
TOTAL -----100%

## KEEP OUT OF REACH OF CHILDREN CAUTION

### DIRECTIONS FOR USE

### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION.** Harmful if swallowed. Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling before eating, drinking, chewing gum, using tobacco or using the toilet. Do not contaminate water by cleaning of equipment or disposal of wastes.

### STORAGE AND DISPOSAL

Do not contaminate water, food or feed by 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. 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.  
**CONTAINER HANDLING:** Non-refillable container. Do not reuse or refill this 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 approved state and local procedures.  
**PLASTIC CONTAINERS** Dispose as for metal containers. May also be incinerated 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.

### IN CASE OF EMERGENCY, CALL:

**CHEMTREC 800-424-9300**  
**INTERNATIONAL 703-527-3887**

**EPA REGISTRATION NUMBER: 39967-42**

**EPA ESTABLISHMENT NUMBER:**

**Net Contents:**

**Lot No.:**

### 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 by mouth 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 ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for treatment advice.  
**Have product label or container with you when calling a poison control center or doctor or going for treatment.**

Personal Protection Equipment (PPE): Mixers, loaders, applicators and other handlers must wear: Long-sleeved shirts and long pants, shoes and socks & Chemical-resistant gloves made of any waterproof material

**User Safety Requirements:** Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent & hot water. Keep & wash PPE separately from other laundry.

**User Safety Recommendations:** Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove PPE immediately if pesticide gets inside. Then wash thoroughly & put on clean clothing. Remove PPE immediately after handling this product. As soon as possible, wash thoroughly & change into clean clothing.

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

**Films - Exteriors/interiors (including Coating for Heating and Air Conditioning Systems):** Metasol TK-25 A.D. 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 0.02 to 1.6% by weight of Metasol TK-25 A.D. depending on the application. This can be determined by laboratory evaluation using the following guidelines:

<b>Paint</b>	
Interior Latex Based Paint	0.04 – 0.30%
Exterior Latex Based Paint	0.10 – 0.60%
Exterior Zinc Oxide Latex Paint	0.06 – 0.40%
<b>Adhesives</b>	
Latex Based Adhesives	0.10 – 0.60%
Starch Based Adhesives	0.20 – 1.2%
Dextrin Based Adhesives	0.20 – 1.2%
Casein Based Adhesives	0.60 – 1.6%
<b>Caulking/Sealants*</b>	0.1 – 0.8%
<b>Paper Products</b>	
Based on Finished Paper Weight	0.02 – 0.40%
<b>Natural and Synthetic Fiber</b>	
Canvas Textiles*	0.20 – 1.2%
Nylon and Other Synthetics	0.20 – 1.6%

**Grouts\*:** Metasol TK-25 A.D. should be added at concentration ranging from 0.20 to 3.2% for superior preservation of a grout system.

**Paper Products:** Metasol TK-25 A.D. 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-25 A.D. should then be added with thorough agitation. Effective dosage levels will range from 0.02 to 0.4% Metasol TK-25 A.D., based on the finished paper weight. Note: Metasol TK-25 A.D. is a fungicide only. Other LANXESS preservatives should be incorporated into sizing solutions to inhibit any microbial degradation during shelf life. Metasol TK-25 A.D. 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-25 A.D. 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-25 A.D. should be applied at dosage levels from 0.2 to 1.2% 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-25 A.D. 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-25 A.D. 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 0.10%(spin finish) to 1.0% (melt blending) of Metasol TK-25 A.D. based on total weight of the material being used.

**(\*Not to be used in the State of California to preserve Caulking/Sealants, Canvas Textiles or Grouts)**

Mix well before using this product.

**This Product Contains 9.18 Lbs Metasol TK-25 A.D. Per Gallon**

LABEL TEXT DATE: 6/16/16

# LANXESS

LANXESS Corporation

111 RIDC Park West Drive • Pittsburgh, PA 15275-1112

