

707-307

9/30/2013

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

SEP 30 2013

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

Joanne Ryder, Product Stewardship Regulatory Manager  
The Dow Chemical Company  
727 Norristown Road, P.O. Box 904  
Spring House, PA 19477

Subject: **Kathon 287 WT Wood Preservative**  
EPA Registration No. 707-307  
Receipt Date: 9/28/2012  
Decision Number: 403235

Dear Ms. Ryder:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), Section 3(c)(7)(b), is acceptable.

**Proposed Amendment:**

- Wood preservative for fresh water scenario

**General Comments**

A stamped label is enclosed for your records. This labeling supersedes all previously accepted labeling. The next label printing of this product must use this labeling unless subsequent changes have been approved. You must submit one (1) 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 have any questions concerning this letter, please contact Amaris Johnson by email at [johnson.amaris@epa.gov](mailto:johnson.amaris@epa.gov) or call (703) 305-9542. When submitting information or data in response to this letter, a copy of this letter should accompany the submission to facilitate processing.

Sincerely,

A handwritten signature in cursive script that reads "M Swindell".

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

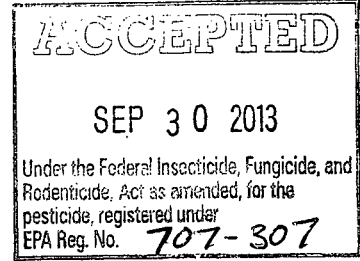
Enclosed: Stamped Label

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# KATHON™ 287 WT Wood Preservative

## For Use in Wood Preservation

Dow Diamond  
Rohm and Haas Company  
*A Wholly Owned Subsidiary of The Dow Chemical Company*  
100 Independence Mall West  
Philadelphia, PA 19106-2399  
Phone: (215) 592-3000



™Trademark of The Dow Chemical Company ("Dow") or an affiliated company of Dow.

<b>ACTIVE INGREDIENT:</b>	
4,5-Dichloro-2-n-octyl-3(2H)-isothiazolone	25.0%
<b>INERT INGREDIENTS:</b>	75.0%
<b>Total:</b>	100.0%

### KEEP OUT OF REACH OF CHILDREN

### DANGER

### FIRST AID

- IF ON SKIN:**
- Take off contaminated clothing.
  - Rinse skin immediately with plenty of water for 15-20 min.
  - Call a poison control center or doctor for treatment advice.
- IF IN EYES:**
- Hold eye open and rinse slowly and gently with water for 15-20 min.
  - Remove contact lenses, if present, after first 5 min. then continue rinsing eye.
  - 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 further treatment advice.
- IF SWALLOWED:**
- Call a poison control center or doctor immediately for treatment advice.
  - Do not induce vomiting unless told to do so by a poison control center or doctor.
  - Have person sip a glass of water if able to swallow. Do not give anything to an unconscious person.

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

**IN CASE OF EMERGENCY CALL ROHM AND HAAS COMPANY 215-592-3000**

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsions may be necessary.

**SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS**

#### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER**  
**CORROSIVE**  
**CAUSES IRREVERSIBLE EYE DAMAGE AND SKIN BURNS**  
**HARMFUL IF SWALLOWED**  
**HARMFUL IF ABSORBED THROUGH THE SKIN**  
**MAY BE FATAL IF INHALED**

Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Do not get in eyes, on skin, or on clothing. Do not breathe vapors. Wear coveralls worn over long sleeve shirt and long pants, chemical-resistant footwear plus socks, rubber gloves, and protective eyewear. Wear a respirator with an organic-vapor removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23) or a canister approved for pesticides (MSHA/NIOSH approval prefix TC-14G), or a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any N, R, P, or HE prefilter. When mixing and loading wear a chemical resistant apron. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse.

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish and aquatic invertebrates. 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 Systems (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. Do not contaminate water by cleaning of equipment or disposal of waste. Apply this pesticide only as specified on this label.

**STORAGE AND DISPOSAL  
PESTICIDE STORAGE**

This product is corrosive to mild steel and stainless steel. Do not store or transport in unlined metal containers. Do not contaminate water, food, or feed by storage, disposal, or cleaning of equipment. Keep product from freezing.

**PESTICIDE DISPOSAL**

Pesticide wastes are acutely hazardous. 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**

Nonrefillable container. Do not reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by procedures approved by state and local authorities.

Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning of the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean container before final disposal, empty contents into application equipment and triple rinse. Pour or pump rinsate into application equipment or rinsate collection system. Then offer for recycling if available, or puncture and dispose of in sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.

**NOTICE**

Seller warrants that the product conforms to its chemical description as contained on this label and is reasonably fit for the purposes stated on this label when used in accordance with directions under normal conditions of use. THE WARRANTIES MADE IN THIS PARAGRAPH ARE SELLER'S SOLE WARRANTIES AND ARE MADE EXPRESSLY IN LIEU OF AND EXCLUDE ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE AND ALL OTHER EXPRESS OR IMPLIED REPRESENTATIONS AND WARRANTIES.

Date of Manufacture:  
EPA Reg. No. 707-307  
EPA Est. No.

**DIRECTIONS FOR USE**

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

For use as a wood preservative to protect treated wood articles from fungi, mold and mildew.

**PRESSURE TREATMENT**

For use in the pressure treatment of above ground and in-ground wood applications such as decking, fencing and fence posts, rails, spindles, flooring, trellises, gazebos and wood shingles. Use 0.04% to 0.64% by weight (or 100ppm to 1600ppm ai) of KATHON™ 287 WT Wood Preservative in the final treatment solution.

For use in the pressure treatment of millwork and joinery, trim and fascia, and sill plates. Use 0.04% to 0.48% by weight (or 100ppm to 1200ppm ai) of KATHON™ 287 WT Wood Preservative in the final treatment solution.

A retention rate of 0.003 - 0.065 pounds/cubic foot (pcf) of KATHON™ 287 WT Wood Preservative active ingredient is required for all the above treatments.

**NOTE: KATHON™ 287 WT Wood Preservative cannot be used to treat wood intended for direct continuous salt water immersion. Wood treated with this product must not be used for packaging food or feed or in the manufacture of bee hives.**

KATHON™ 287 WT Wood Preservative is to be used only in combination with Rohm and Haas Company product POLYVANCE™.

The use-solution will contain KATHON™ 287 WT Wood Preservative and POLYVANCE™ in a 1:2.5 w/w ratio. Refer to the table below to achieve the appropriate concentrations in the treatment solution.

<u>gal. of Kathon 287 per 1000 gal. soln</u>	<u>gal. of PolyVance per 1000 gal. soln</u>	<u>gal. water per 1000 gal. soln</u>	<u>ppm active ingredient</u>
3.3 gal	8.4 gal	988.3 gal	100 ppm
6.7 gal	16.7 gal	976.6 gal	200 ppm
10.0 gal	25.0 gal	965.0 gal	300 ppm
13.3 gal	33.4 gal	953.3 gal	400 ppm
16.7 gal	41.7 gal	941.6 gal	500 ppm
20.0 gal	50.0 gal	929.9 gal	600 ppm
23.4 gal	58.4 gal	918.3 gal	700 ppm
26.7 gal	66.7 gal	906.6 gal	800 ppm
30.0 gal	75.1 gal	894.9 gal	900 ppm
33.4 gal	83.4 gal	883.2 gal	1000 ppm
36.7 gal	91.7 gal	871.6 gal	1100 ppm
40.0 gal	100.1 gal	859.9 gal	1200 ppm
43.4 gal	108.4 gal	848.2 gal	1300 ppm
46.7 gal	116.8 gal	836.5 gal	1400 ppm
50.0 gal	125.1 gal	824.5 gal	1500 ppm
53.4 gal	133.4 gal	813.2 gal	1600 ppm

KATHON™ 287 WT Wood Preservative weighs 8.04 pounds per gallon.