



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

September 11, 2018

Robert R. Stewart, Ph. D  
Regulatory Consultant  
The Sherwin-Williams Company  
101 West Prospect Avenue  
Cleveland, OH 44115-1075

Subject: Notification per PRN 98-10 – Limit Use in California to Commercial Vessels  
Product Name: Red Vinyl Anti-Fouling Paint Formula 121  
EPA Registration Number: 577-550  
Application Date: 07/10/2018  
Decision Number: 542680

Dear Mr. Stewart:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Antimicrobials Division (AD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The label submitted with the application has been stamped "Notification" and will be placed in our records.

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.

If you have any questions, you may contact Terria Northern 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 "Z. Bain", with a long horizontal line extending to the right.

for

Zeno Bain, Product Manager 33  
Regulatory Management Branch I  
Antimicrobials Division (7510P)  
Office of Pesticide Programs

**Front of Label**

# Red Vinyl Anti-Fouling Paint Formula 121

*For Commercial Coating Label-*  
**Commercial Marine Finishes**

*For Yacht and Military Specification Coating Labels-*  
**Marine Finishes**

## NOTIFICATION

577-550

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

09/11/2018

For protecting underwater hull surfaces from marine fouling.

**Not for Use on Recreational Vessels in California**

**Product Number (optional)**

ACTIVE INGREDIENT	
Cuprous Oxide .....	66.90%
INERT INGREDIENTS .....	33.10%
TOTAL .....	100.00%

Copper as metallic .....59.42%  
CONTAINS PETROLEUM DISTILLATES

5 U.S. Gal  
18.92L

EPA Reg. No.  
577-550

EPA Est. No.  
577-VA-01  
577-NJ-02  
577-CA-03  
577-GA-01  
577-KS-02  
577-KY-01

*For Yacht and Commercial Coating Labels-*

**VOC: 296 g/L ( 2.5 lbs./gal.)** (VOC WILL VARY DEPENDING ON SPECIFIC COLOR)

**KEEP OUT OF REACH OF CHILDREN.**

**WARNING**

**FLAMMABLE! VAPOR HARMFUL. IRRITATES EYES, SKIN AND  
RESPIRATORY TRACT.**

**SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS**

***Back or Side of Label***

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. This label must be in the possession of the user at the time of pesticide application.

*For Yacht and Commercial Coating Labels-*

FOR MORE DETAILED INSTRUCTIONS CONTACT THE SHERWIN-WILLIAMS COMPANY.

*For Military Specification Label-*

THE SURFACE MUST BE FREE OF ALL SURFACE CONTAMINATION AND MOISTURE .

*For Yacht and Commercial Coating Labels-*

THE SURFACE MUST BE FREE OF ALL SURFACE CONTAMINATION AND MOISTURE BEFORE APPLICATION OF PRIMER OR ANTI-FOULING PAINTS.

*For Yacht Coating Label-*

RECOMMENDED PRIMERS: Y 3060 Series, Y 4060 Series, Y 5070 Series and Y 4078 Epoxy Primer. Apply one or more coats of epoxy primer at a minimum of 4 dry mils per coat. Antifouling must be applied to final coat of epoxy while epoxy is still tacky. When epoxy can be touched firmly with the fingertips leaving an impression without having any of the epoxy adhering to the fingertips, proper adhesion will be achieved.

*For Commercial Coating Label-*

RECOMMENDED PRIMERS: 3000 Series, 4000 Series, 5000 Series and 4018 Epoxy Primer. Apply one or more coats of epoxy primer at a minimum of 4 dry mils per coat. Anti-fouling must be applied to final coat of epoxy while epoxy is still tacky. When epoxy can be touched firmly with the fingertips leaving an impression without having any of the epoxy adhering to the fingertips, proper adhesion will be achieved.

*For Military Specification Label-*

OLD ANTI-FOULING: May be applied over most aged soft-sloughing type anti-fouling paints when surface is tight, clean and dry. Do not apply over vinyl anti-fouling paints.

*For Yacht and Commercial Coating Labels-*

OLD ANTI-FOULING: This product may be applied over most tightly adhering anti-fouling paints. If old anti-fouling is questionable, perform adhesion test. DO NOT APPLY OVER SOFT SLOUGHING TYPE ANTI-FOULING PAINTS.

*For Military Specification Label-*

RECOAT TIME: 2 hour minimum - No maximum between anti-fouling paints.

*For Yacht and Commercial Coating Labels-*

RECOAT TIME: 2 hour minimum, if spray applied. Otherwise, 4 hour minimum. No maximum

between anti-fouling paints.

*For Military Specification Label-*

APPLICATION: May be brushed, rolled or sprayed. Stir well before using.

*For Yacht Coating Labels-*

APPLICATION: Brush, roller (3/8 inch nap lint free cover), conventional spray, or airless spray. Stir well before using. NOTE: Anti-fouling paints are designed to be applied at 3 to 5 dry mils or 5 to 8 wet mils per coat. If anti-fouling paint is not applied at proper mil thickness, effectiveness of the coating will be reduced.

TEMPERATURE RANGE / RELATIVE HUMIDITY RANGE: Minimum 40° F / R.H. 50%

*For Commercial Coating Labels-*

APPLICATION: Apply by conventional or airless spray. Stir well before using. NOTE: Antifouling paints are designed to be applied at 3 to 5 dry mils or 5 to 8 wet mils per coat. If antifouling paint is not applied at proper mil thickness, effectiveness of the coating will be reduced.

TEMPERATURE RANGE / RELATIVE HUMIDITY RANGE: Minimum 40° F / R.H. 50%

*For Military Specification Label-*

ALUMINUM: These products are not for use on aluminum unless a primer is used.

*For Yacht and Commercial Coating Labels-*

ALUMINUM: These products are not for use on aluminum unless a minimum of 15 dry mils of epoxy primer is used and a proper amount of zinc anodes. For more information contact your Pro-Line® technical representative.

*For Military Specification Label-*

STEEL: Bare steel should be sandblasted to a #10 MARINE BLAST to remove all rust and mil scale. After sandblasting, apply 4 coats of Mil-P-24441 Epoxy Primer, giving a total dry mil thickness of at least 12 mils. See note prior to applying anti-fouling paints!

*For Yacht Coating Label -*

STEEL: Prepare surface as per SSPC or NACE Standards, such as SSPC-SP10, NACE 2, SSPC-SP6, NACE 3, SSPC-SP12, NACE 5, SSPC-SP11. Surface Profile Range: 1.5-3.5. After surface preparation apply Pro-Line® Epoxy primers Y3060series, Y4060 series, Y5070 series or Y4078, giving a total dry mil thickness of at least 15 mils.

*For Commercial Coating Label-*

STEEL: Prepare surface as per SSPC or NACE Standards, such as SSPC-SP10, NACE 2, SSPC-SP6, NACE 3, SSPC-SP12, NACE 5, SSPC-SP11. Surface Profile Range: 1.5-3.5. After surface preparation apply Pro-Line® Epoxy Primers 3000 Series, 4000 Series, 5000 Series, or 4018, giving a total dry mil thickness of at least 15 mils.

*For Yacht Coating Label-*

GELCOAT: To remove dirt, grease, oil and water-soluble mold release agents use Pro-Line® 747 All Purpose Cleaner. To remove solvent based mold release agents use Pro-Line® Y25 Prep Solvent. Be sure to change wiping rag frequently. Sand surface with 80 grit abrasive paper. Remove all sanding dust prior to painting. Apply one or more coats of Pro-Line® epoxy primer at 4 dry mils per coat.

*For Military Specification Coating-*

WOOD: Over bare wood, apply first coat of anti-fouling thinned with Seaguard i" K134 (one quart per gallon of anti-fouling). Apply second coat unthinned.

*For Yacht Coating Label-*

WOOD: Over bare wood, primer is not necessary. Apply first coat of anti-fouling thinned 30% with Pro-Line® Y20 Vinyl Retarder. Apply second coat full strength or reduced up to 5% percent with Y4 Vinyl Reducer (spray) or Y20 Vinyl Retarder (Brush or Roller).

*For Commercial coating-*

WOOD: Over bare wood, primer is not necessary. Apply first coat of anti-fouling thinned 30% with Pro-Line® Retarder #20. Apply second coat unthinned.

*For Military Specification Coating-*

FIBERGLASS HULL- UNPAINTED: Scrub hull with a solution of warm water and TSP (trisodium phosphate). Rinse with fresh water, sand hull lightly with 80-grit Garnet paper. Remove dust with clean rag. Apply a uniform coat of Mil-P-24441 Epoxy Primer. See note prior to applying anti-fouling paints.

*For Military Specification Coating-*

LAUNCH TIME: 4 hours minimum after last coat of anti-fouling paints.

*For Yacht and Commercial Coating Labels-*

LAUNCH TIME: 4 hours minimum after last coat of anti-fouling paints (overnight is recommended).

*For Military Specification Coating-*

THINNING: If necessary, use either Seaguard R7 K133 or R7 K134.

*For yacht coating-*

THINNING: If necessary, use up to 5% Pro-Line® #Y4 or #Y20 Vinyl Retarder for spray applications or #Y20 Vinyl Retarder for brush or roller applications.

*For Commercial coating-*

THINNING: Not recommended

*For Military Specification Coating-*

**NOTE:** When anti-fouling is applied over Epoxy Primers, the anti-fouling must be applied within 3-5 hours after last coat of Epoxy Primer.

This product is effective in preventing marine growth, such as barnacles, bugulas, etc.  
Can be used in fresh and salt waters.

NON-PHOTOCHEMICALLY REACTIVE  
FOR MARINE APPLICATIONS ONLY

**DELAYED EFFECTS FROM LONG TERM OVEREXPOSURE.**

Contains solvents which can cause permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

**STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited.

**PESTICIDE DISPOSAL**

Pesticide that can not be used according to label instructions must be disposed of according to federal, state or local procedures under the Resources Conservation and Recovery Act.

**CONTAINER DISPOSAL**

Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

**FIRST AID**

*IF SWALLOWED:* Immediately call a poison control center or doctor. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.

*IF IN EYES:* Hold eye 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 eye. Call a poison control center or doctor.

*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 INHALED:* Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

*HAVE THE PRODUCT CONTAINER OR LABEL WITH YOU WHEN CALLING A POISON CONTROL CENTER OR DOCTOR, OR GOING FOR TREATMENT.*

**Note to Physician**

Contains petroleum distillate - vomiting may cause aspiration pneumonia.

**PRECAUTIONARY STATEMENTS**

**WARNING: HAZARDS TO HUMAN AND DOMESTIC ANIMALS**

**HAZARDS TO HUMANS:** Causes eye irritation. Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing. Wear protective clothing such as gloves, long-sleeved cotton shirt, long pants and hat. May be fatal if swallowed or inhaled. Do not breathe dust, vapor or spray mist. Wash contaminated clothing before reuse. Never give anything by mouth to an unconscious person. Call a physician immediately. Avoid storage and usage near food and feed products. When used in confined areas or while spraying and/or sanding boat surface, wear a mask or a respirator jointly approved by the Mining Enforcement and Safety Administration and the National Institute for Occupational Safety and Health, under the provisions of 30 CFR 11.

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish. Do not contaminate waters by cleaning of equipment or disposal of wastes. Do not allow chips and dust generated during paint removal to enter waters. Dispose wastes debris in an approved landfill.

**PHYSICAL OR CHEMICAL HAZARDS**

FLAMMABLE. FLASH POINT APPROXIMATELY 80°F. Keep away from heat and open flame. Pesticide, container or rinse solution that cannot be used according to label instructions must be disposed of according to Federal or approved State procedures under Subtitle C of the Resource Conservation and Recovery Act.

NOTICE: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

The Sherwin-Williams Company  
Cleveland, Ohio 44115