UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

February 4, 2016

Sheri L. Oberle
Regulatory Affairs Manager
International Paint LLC
6001 Antoine Drive
Houston, TX 77091

Subject: Notification per PRN 98-10 –Revised Container Disposal Language
Product Name: Optima-Blue
EPA Registration Number: 2693-193
Application Date: January 18, 2016
Decision Number: 513275

Dear Ms. Oberle:

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.

Sincerely,

for

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

NOTIFICATION
2693-193
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:
02/04/2016

OPTIMA - Blue

Base Part A of a Two Part Antifouling Paint System
Performance Ablative
Water-Based Ablative Antifouling
Easy Application and Clean-Up
Compatible Over Most Antifouling Paints

Activated Biolux Blocks Slime
New Activated Biolux Technology Blocks Slime and Boosts Performance
Ultimate Antifouling Performance in All Conditions
Haul & Relaunch – Self Polishing – No Buildup
Never Needs Scrubbing or Cleaning
Puts an End to Mid-Season Scrubbing

New, Activator Technology For Protection From Slime
Advanced Performance Antifouling
Self-Polishing, No Paint Build-Up
Multi-Seasonal, Haul & Relaunch without Repainting

Active Ingredient:
Cuprous Oxide = 28.45%
CAS #1317-39-1
Inert Ingredients: = 71.55%
100.00%

EPA Registration No. 2693-193

EPA Establishment No. 2693-TX-1

Copper as Metallic = 25.74%

KEEP OUT OF REACH OF CHILDREN

WARNING

See side panel for additional precautionary statements

Mix only with Optima Activator Part B (EPA Reg. No. 2693-194)

NET CONTENTS: 0.875 GALLON, 3.31 L

BASE PART A

WHEN COMPONENTS OPTIMA – BLUE AND OPTIMA ACTIVATOR ARE MIXED THE RESULTING PAINT IS CORROSIVE AND MAY CAUSE SEVERE EYE IRRITATION THAT COULD LEAD TO IRREVERSIBLE EYE DAMAGE. DO NOT GET IN EYES OR ON CLOTHING. WEAR PROTECTIVE EYE WEAR.

International Paint LLC, 6001 Antoine Drive, Houston, TX 77091

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING

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 vapor. While sanding boat surface, wear a mask or a respirator jointly approved by the Mining Enforcement and Safety Administration and the National Institute of Occupational Safety and Health. Remove contaminated clothing and wash before reuse. Wash thoroughly with soap and water after handling.

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 to do so 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 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 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 for treatment advice.

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

ENVIRONMENTAL HAZARDS:
This material is toxic to fish. Do not apply directly to water by cleaning of equipment or disposal of wastes. Do not allow chips and dust generated during paint removal to enter water. Dispose of paint debris in an approved landfill. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans and other waters unless in accordance with the requirements of a National Pollution Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent to sewer system without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

FOR CHEMICAL EMERGENCY, SPILL, LEAK, EXPOSURE OR ACCIDENT:
CALL TOLL FREE – CHEMTREC 1-800-424-9300 (DAY OR NIGHT)
MEDICAL ADVISORY:
CONTACT YOUR LOCAL POISON CONTROL CENTER OR CALL 1-800-854-6813

OPTIMA

Base Part A of a Two Part Antifouling Paint System

Product Description: Optima® offers an entirely new development in antifouling paint technology. This special two-pack paint was formulated with an advanced Activator Biocide System that provides exceptional protection from all types of shell and weed fouling. Optima also uses Biolux™ technology to control slime and algae growth. Optima is a multi-season, self polishing copolymer that washes away over time similar to a bar of soap. This results in reduced build up of old coatings and minimizes sanding at reapplication. This copolymer technology also allows the boat to be hauled and relaunched without recoating. Optima is for use below the waterline on fiberglass, wood and properly primed metal boat hulls and parts. Do not use on aluminum. Optima can be used in fresh, salt and brackish waters. Apply by brush and roller only, do not spray. Wet sand only, do not dry sand.

DIRECTIONS FOR USE

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

MIXING RATIO: Prior to use of this product, mix 7 parts by volume of this product with 1 part of Optima Activator (EPA Reg. No. 2693-194).

COMPATIBILITY: OPTIMA can be applied over most hard, conventional antifouling paints as long as the old coating is tightly adhered, is in sound condition, and has been roughly sanded with 80 grit wet sandpaper.

OPTIMA should not be applied over **MICRON® 33, MICRON® 44** or soft antifouling paints. These old coatings should be removed.

V.O.C.: Less than 150 grams/liter.
THINNING: Thin only when necessary. Do not exceed 10% by volume.
THINNER: Brushing - INTERLUX® PAINT CONDITIONER 6216.
Spraying - Do not spray.
CLEAN-UP: INTERLUX® PAINT CONDITIONER 6216.
THEORETICAL COVERAGE: 375 square ft./gallon. Yields 1.2 mils dry film thickness.
INDUCTION TIME: 5 minutes.
APPLICATION TEMPERATURES: 50°F (10°C) and above* (Air and Hull)
* If either hull or air temperature falls below 50°F (10°C) during the 16 hour dry time extend the dry time to a minimum of 48 hours.
Do not apply if the air feels damp or it is raining. If it rains immediately after application allow to dry for a minimum of 24 hours (48 hours @ <50°F (10°C)) after it has stopped raining, prior to launch or overcoat.

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

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture 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: Non-refillable container. Do not reuse or refill this container. Prior to container disposal, allow any remaining paint residue in the container to air dry. Dispose of the container in accordance with Federal, State or local disposal regulations.

APPLICATION SYSTEMS

Mix only when ready to use. Stir the Antifouling base and the Activator thoroughly, prior to mixing the two components. Then pour the Activator into the Antifouling base, stirring continuously. Stir the two parts together well, prior to use. Failure to properly mix the two components will result in a streaky appearance of the paint when applied. After mixing let stand for 5 minutes. Apply at least two full coats (3 coats on bare wood) of OPTIMA by brush or high density foam roller. (We recommend that a different color of Optima be applied for the first coat of a multi-coat application. This will act as a signal coat that the other layers have worn away and that it is time to apply more Optima). Keep in mind that the life of the paint is directly related to the amount of paint applied. If during application the brush pulls or the roller drags, add small increments of INTERLUX® PAINT CONDITIONER 6216 to improve handling but do not add more than 10% by volume. Certain areas of the hull experience faster polishing than the other areas. These areas include the waterline, the leading edge of the keel, the rudder and the bow stem. It is suggested that an additional coat of paint be applied to these areas to insure that the OPTIMA does not wash away before the other areas of the bottom. Mix only as much OPTIMA as can be used within 2 hours.

Important - before applying OPTIMA, all underwater metal fittings (except zinc anodes) should be coated with Primewash 353/354, thinned with 355 followed by a suitable primer, such as Interlux 360R or 370 Aerosol, or InterProtect 2000 following label application instructions. Include a 2” boundary of primer around those fittings before painting with Optima. Alternatively apply two coats of conventional solvent based antifouling paint on and around all under water metal fittings and a 2” boundary around the anodes. Do not allow OPTIMA to come in contact with zinc anodes.

PREVIOUSLY PAINTED SURFACES - **Good Condition:** Remove all traces of loose paint and contamination by sanding the entire surface well with 80 grit wet sandpaper, rinse surface clean using clean fresh water and allow to dry 24 hours. Apply at least 2 coats of OPTIMA allowing proper dry times between coats.

PREVIOUSLY PAINTED SURFACES - Poor Condition: Completely remove all antifouling paint with INTERLUX® INTERSTRIP 299E for fiberglass, wood or by sandblasting steel surfaces to a near white metal. Proceed with application for bare work described below.

BARE FIBERGLASS - Surface Preparation (Polyester or Vinylester): It is very important that bare fiberglass be prepared properly to prevent delamination of antifouling paint. Scrub the surface thoroughly with soap and water using a stiff bristled brush. Flush well with fresh water. When the surface is dry, wipe a small area with a clean cloth that has been wetted with INTERLUX® FIBERGLASS SOLVENT WASH 202. While the surface is still wet remove with a clean dry cloth. Repeat this process until the entire surface has been cleaned. To be certain that all wax and surface contaminants have been removed, run water over the surface. If the water beads up or separates, wipe again with FIBERGLASS SOLVENT WASH 202. When the water sheets off, all contamination has been removed. Sanding does not remove contamination. After the surface has been properly cleaned, proceed with the application systems below. Repair any surface imperfections using INTERPROTECT WATERTITE. Wet sand the repaired areas and wipe clean.

BARE FIBERGLASS - No Sand System: Clean the surface following the preparation procedure described above. Apply one thin continuous coat of INTERLUX® FIBERGLASS PRIMER®. Follow the primer label directions for overcoating. Apply at least 2 coats of OPTIMA. Allow proper dry times between coats.

BARE FIBERGLASS - Sanding System: Clean the surface following the preparation procedures described above. Sand the entire surface with 80 grit sandpaper until a flat, matte finish is obtained. Wipe the surface residue off the surface with FIBERGLASS SOLVENT WASH 202. Apply at least two coats of OPTIMA.

BARE WOOD: Wet sand entire surface with 80 grit sandpaper; wipe surface clean with INTERLUX® BRUSH-EASE 433. Repair imperfections with INTERPROTECT WATERTITE; sand and wipe clean. Apply first coat of OPTIMA reduced 10% with PAINT CONDITIONER 6216 to penetrate into the wood. Fill seams with INTERLUX® SEAM COMPOUND 30. Apply second and third coats of OPTIMA unreduced. Allow proper dry times between coats.

UNDERWATER METALS: All underwater metals must be properly primed prior to application of Optima with either Primocon 360R or Interprotect 2000E/2001E. Contact the Interlux Technical Service Department at 1-800-468-7589 for details on how to properly prime underwater metals. Do not use on aluminum.

Color difference may occur between actual paint and color swatch on front of can.

KEEP FROM FREEZING

	DRY TIME CHART			LAUNCH TIME		
Temperature	**Pot Life**	**Overcoating Time**		**Dry 50% Relative Humidity**	**75% Relative Humidity**	**Humid 85% Relative Humidity**
	Maximum	**Min.**	**Max.**	**Min.**	**Min.**	**Min.**
40° F (5° C)	2 Hrs.	7 Hrs.	2 wk	48 Hrs	72 Hrs	Do Not Apply
50° F (10° C)	2 Hrs.	6 Hrs.	2 wk	36 Hrs	48 Hrs.	Do Not Apply
60° F (15° C)	2 Hrs.	5 Hrs.	2 wk	16 Hrs	24 Hrs	48 Hrs
75° F (24° C)	2 Hrs.	4 Hrs.	2 wk	5 Hrs	7 Hrs	36 Hrs
95° F (35° C)	2 Hrs.	3 Hrs.	2 wk	2 Hrs	5 Hrs	24 Hrs

Mix only what can be used in 2 hours.

Small amounts of any Optima remaining in closed can after mixing and beyond pot life can be used for painting pad areas for up to two weeks without losing effectiveness. However, the thickened paint will need to be thinned slightly with Interlux paint conditioner (maximum 10%) and thoroughly mixed to allow for application by brush.

Pot life can be extended slightly with the addition of paint conditioner 2616.

The maximum time to launch is indefinite, so you can launch the boat anytime after the minimum dry time, ensuring maximum flexibility. **OPTIMA** must be fully dry before launching. It should **not** be applied to pad or block areas immediately prior to launching.

Interlux

For information call (908) 686-1300
or write Interlux 2270 Morris Avenue, Union, NJ 07083

OPTIMA

[Alternate Directions for Use]

PRODUCT DESCRIPTION: **OPTIMA** is a water-based antifouling delivering solid protection from barnacles, zebra mussels, slime, algae and other forms of marine fouling. The ablative action wears away with use, minimizing build-up and heavy sanding associated with the build-up of old spent coatings. **OPTIMA** is for use below the waterline in all waters(salt, brackish and fresh water). Apply **OPTIMA** on power and sail boats; fiberglass, wood, and properly primed metal boat hulls. Do not use on aluminum.

Directions for Use

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

COMPATIBILITY: **OPTIMA** can be applied over most antifouling paints as long as the old coating is tightly adhered and is in sound condition. When applying over conventional antifouling paints, thoroughly sand with 80 grit wet-or-dry sandpaper. If applying over self-polishing type copolymer antifoulings, heavy sanding is required. Soft rosin based coatings should be removed prior to application of **OPTIMA**.

V.O.C.: Less than 150 grams/liter

COATS REQUIRED: 2 coats.
3 coats on bare wood

THINNER: Water

THINNING: Thin only if necessary.
Do not exceed 10% by volume

CLEAN UP: Soap and water. Be sure to observe proper disposal procedures for all antifouling paints.

THEORETICAL COVERAGE: 375 sq. ft./gal/coat.

APPLICATION TEMPERATURE: 45°F (7°C) and above.

APPLICATION SYSTEMS

Stir thoroughly (do not shake) Apply at least two full coats (three on bare wood) of **OPTIMA** by synthetic brush or 3/8” nap roller. Do not apply thin coats. If during application, the brush or roller drags, thin with clean tap water to improve

handling. During the drying and curing process there may appear to be color changes resulting in an uneven appearance. This discoloration will disappear as the finish dries to a deep uniform color.
PREVIOUSLY PAINTED SURFACES - GOOD CONDITION: Remove all traces of loose paint and contamination by sanding the entire surface well with 80 grit sandpaper; wipe surface clean with tap water. Apply at least two coats of **OPTIMA**, allowing proper dry times. See compatibility section for additional information.

PREVIOUSLY PAINTED SURFACES - POOR CONDITION: Completely remove all old antifouling paint with **INTERSTRIP 299e** and proceed with application system for bare work as described below.

BARE FIBERGLASS - (POLYESTER or VINYLESTER): It is very important that bare fiberglass be properly prepared to remove the mold release wax completely to prevent delamination of the antifouling paint. Begin by scrubbing the surface thoroughly with a stiff brush using soap and water to remove loose dirt and contamination. Flush with fresh water to remove the soap residue and allow to dry. Remove mold release wax using one of the following Interlux products. **Fiberglass Surface Prep YMA601V** or **Fiberglass Solvent Wash 202** following the product label instructions. To be certain that all of the contamination has been removed, run water over the surface. If the water beads up or separates, clean again. When the water sheets off, all contamination has been removed. After the surface has been properly cleaned, proceed with one of the application systems below.

BARE FIBERGLASS -NO SAND SYSTEM: After the surface has been prepared as described above - Apply one thin continuous coat of **Fiberglass No Sand Primer YPA200** or **InterProtect® 2000E** with brush or roller. Follow label directions for overcoating. Apply at least two coats of **OPTIMA** following dry times below.

BARE FIBERGLASS - SANDING SYSTEM: After the surface has been prepared as described above - Sand entire surface well with 80 grit sandpaper until a flat, matte finish is obtained; wipe off sanding residue with **FIBERGLASS SOLVENT WASH 202™.** Apply two coats of **OPTIMA** following dry times below.

BARE WOOD: Sand entire surface with 80 grit sandpaper. Wipe off sanding residue. Repair any imperfections with **WATERTITE EPOXY FILLER** ; sand and wipe clean. Apply first coat of **OPTIMA** reduced with tap water (10% maximum). Apply two additional coats unreduced following proper dry times between coats. Fill seams (if necessary) with **SEAM COMPOUND 30** between first and second coats of antifouling paint.

UNDERWATER METALS: Contact the **INTERLUX®** Technical Service Department at 1-800-468-7589 for full details on how to properly prime underwater metals. Do <u>not</u> use on aluminum.

NOTE: Keep from freezing.

Temperature	Overcoating Time	LAUNCH TIME		
		Dry 50% Relative Humidity	75% Relative Humidity	Humid 85% Relative Humidity
	Min. Max.	Min.	Min.	Min.
45°F (5°C)	16 Hrs 30 days	48 Hours	72 Hours	Do Not Apply
50°F (10°C)	8 Hrs 30 days	36 Hours	48 Hours	Do Not Apply
60°F (15°C)	4 Hrs 30 days	16 Hours	24 Hours	48 Hours
75°F (24°C)	2 Hrs 30 days	5 Hours	7 Hours	36 Hours
95°F (35°C)	1 Hr 30 days	2 Hours	5 Hours	24 Hours

Color difference may occur between actual paint and color swatch on front of can.

INTERLUX® For more information call 713-682-1711
or write: Interlux, 6001 Antoine Drive, Houston, TX 77091