



U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Antimicrobials Division (7510C)  
1200 Pennsylvania Avenue, N.W.  
Washington, D.C. 20460

EPA Reg. Number:  
2693-188

Date of Issuance:  
**JUN 08 2005**

**NOTICE OF PESTICIDE:**

Registration  
 Re-registration

(under FIFRA, as amended)

Term of Issuance:  
**Time Limited; expires  
midnight on 9/30/06**

Name of Pesticide Product:  
"Intersmooth 365 Ecoloflex SPC  
Antifouling BEA 363 Dark  
Brown"

Name and Address of Registrant (include ZIP code):

International Paint, Inc.  
2270 Morris Avenue  
Union, NJ 07083

**Note:** Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Antimicrobials Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA Section 3(c)(7)(A) provided you:

1. Submit and/or cite all data required for registration of your product under FIFRA Section 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for re-registration of your product under FIFRA Section 4.
2. The following submitted data must be found acceptable.

**73-1 Whole sediment acute freshwater invertebrate**

**73-2 Whole sediment acute marine invertebrate**

**850.5400 Marine diatom Skeletonema costatum**

**850.4225 Seedling emergence in rice**

**850.5400 Vegetative vigor dose response in rice**

Signature of Approving Official:

Marshall Swindell, Product Manager, Team 33,  
Regulatory Management Branch I,  
Antimicrobials Division

Date:

**JUN 08 2005**

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3. Submit by 1/1/05, data to satisfy the following two requirements.

**875.1100 Dermal exposure - outdoor**

**875.1300 Inhalation exposure - outdoor**

4. Submit the following "reserved" studies within 12 months of the date of the Agency's written request for these data. The need for these reserved data will be based upon the results of one or more of the above studies as determined by the Agency.

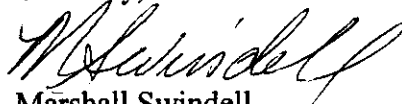
- GLN 72-5 Fish Life Cycle
- GLN 72-7 Simulated or actual field testing for aquatic organisms
- GLN 71-4 Avian Reproduction
- GLN 73-3 Acute Pore Water Studies (fish and invertebrates)
- GLN 74-1 Whole Sediment Chronic Study (invertebrates)
- Special Study: Monitoring of Representative U.S. Waters
- GLN 162-1 Aerobic Soil Metabolism
- GLN 162-2 Anaerobic Soil Metabolism
- GLN 164-2 Aquatic Field Study
- GLN 165-5 Accumulation Study (Nontarget organism)
- GLN (Not Assigned) Monitoring of Representative US Waters

This conditional registration will expire automatically on 9/30/06. If you fail to satisfy the conditions imposed in this registration, EPA may issue a Notice of Intent to Cancel under Section 6(e) of FIFRA. Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label stamped "accepted with comments" is enclosed for your records.

If you have any questions concerning this letter, please contact myself at 703-308-6341, or Tony Kish at (703) 308-9443.

Sincerely,



Marshall Swindell  
Product Manager 33  
Regulatory Management Branch 1  
Antimicrobial Division(7510C)

Enclosure

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**Product Identity**

**Intersmooth® 365 Ecoloflex  
SPC Antifouling**

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**Order Number**

**BEA363 Dark Brown**

For Commercial Use Only

**Active Ingredients:**

Cuprous Oxide	42.69%
Zinc 2-Pyridinethiol 1-Oxide*	3.18%

**Inert Ingredients:**

<u>54.13%</u>
100.00%

**COPPER AS METALLIC = 38.63%**

Contains petroleum distillates.  
\* Zinc Pyrithione

**KEEP OUT OF REACH OF CHILDREN**

**DANGER**

- See side panel for additional Precautionary Statement-

EPA Reg. No.: 2693-188

EPA Est. No.: 2693-NJ-1

For specific state registrations contact your International Representative.

**NET CONTENTS:  
FIVE U.S. GALLONS (18.927 LITERS)**

**International Paint Inc.  
2270 Morris Ave.  
Union, NJ 07083**

**ACCEPTED  
with COMMENTS  
in EPA Letter Dated:**

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**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS  
KEEP OUT OF REACH OF CHILDREN  
DANGER**

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Corrosive. Causes irreversible eye damage or skin burns. Harmful if absorbed through skin. Do not get in eyes, on skin or on clothing. Harmful if swallowed or inhaled. Do not breathe dust, vapor or spray mist. Remove contaminated clothing and wash before reuse. Wash thoroughly with soap and water after handling.

**Residential(non-commercial) users are advised to wear chemical resistant gloves, protective eyewear (goggles, safety glasses, or face shield), long-sleeved shirt and long pants, socks and shoes. In addition to these minimum PPE, commercial users must wear a disposable coverall with hood and chemical resistant footwear.**

While removing existing paint by sanding or blasting, or applying new antifoulant paint, commercial users must wear a respirator with an organic vapor removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number TC-14G), or a NIOSH approved full face respirator with an organic vapor removing cartridge with a P-100 prefilter. Residential(non-commercial) users are advised to wear the same respirators, cartridges, and prefilters as required by commercial users.

**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 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.

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**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.

**Note to Physician:** Contains petroleum distillate – vomiting may cause aspiration pneumonia.

**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 or 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.

**PHYSICAL OR CHEMICAL HAZARD: FLAMMABLE!** Keep away from heat and open flame.

**STORAGE AND DISPOSAL:** Do not contaminate water, food or feed by storage or disposal.

**PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Open dumping is prohibited. Pesticide, spray mixture, or rinsate that cannot be used or chemically reprocessed should be disposed of according to procedures approved by Federal, State or local disposal authorities.

**CONTAINER DISPOSAL:** Triple rinse (or equivalent) and dispose of in an approved landfill. Consult Federal, State or local disposal authorities for approved alternative procedures.

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~~Under the Federal Insecticide,  
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**DIRECTIONS FOR USE:**

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

**PRODUCT DESCRIPTION:** A high performance self polishing copolymer antifouling for coastal vessels.  
• Copper acrylate patented polishing technology

This product is for industrial use and professional application only. Not for sale to general public.

**PRODUCT INFORMATION:** Finish/Sheen Semi-Gloss (ASTM D-523)  
Converter One pack  
Volume Solids 40% ± 2% (ASTM D-2697)  
Mix Ratio One pack  
Flash Point 73°F (23°C) (Setaflash) (ASTM D-3278)  
Film Thickness 5.0 mils (127 microns) dry specified equivalent to 12.5 mils (318 microns) wet  
3.0-6.0 mils (76-152 microns) dry practical range equivalent to 7.5-15.0 mils (190-380 microns) wet  
Theoretical Coverage 128 sq. ft./gal. (5.0 mils (127 microns) DFT) Allow appropriate loss factors.

**APPLICATION DETAILS:** Method Airless spray  
Thinner Not recommended. If necessary use GTA007, see thinning section.  
Cleaner GTA007

ASTM D	Overcoating Interval By			Minimum drying time* before flooding (for 2x5 mil [127 microns] DFT coats)
	Self	Minimum	Maximum	
1640 7.5.1)	(ASTM D - 1640 7.8)			
Drying Time (hours)	Touch	6	1 month	18
Substrate Temperature	1	4	1 month	12
41°F (5°C)	40 mins	3	1 month	10
73°F (23°C)	30 mins			
95°F (35°C)				

\* Refer to your International Representative for minimum drying time before flooding at higher dry film thicknesses and to applications section for maximum recommended atmospheric exposure time before flooding.

**REGULATORY DATA:** VOC 4.33 lb/gal (520 g/l) as supplied (EPA Method 24)

**SYSTEMS AND COMPATIBILITY:** International should be consulted for detailed application advice, specification recommendations and as to the suitability of specific products on individual vessels.

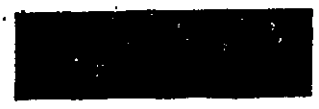
**LIMITATIONS:** Apply in good weather when air and surface temperatures are above 35°F (2°C). Surface temperature must be at least 5°F (3°C) above dew point. For optimum application properties, bring material to 70-80°F (21-27°C) temperature range prior to mixing and application. Unmixed material (in closed containers) should be maintained in protected storage between 40 and 100°F (4-38°C).

The performance of this product is dependent upon the specified film thickness being achieved. Recommended maximum exposure time before flooding: Temperate conditions: up to 1 month, Tropical conditions: up to 1 month.

If these periods are exceeded the antifouling performance may be impaired. On immersion, Intersmooth 365 Ecoloflex SPC will exhibit a slight color change. Consult International for overcoating Intersmooth 365 Ecoloflex SPC with organotin copolymer antifouling.

Technical and application data herein is for the purpose of establishing a general guideline of the coating and proper coating application procedures. Test performance results were obtained in a controlled laboratory environment and International makes no representation that the exhibited published test results, or any other tests, accurately represent results actually found in all field environments. As application, environmental and design factors can vary significantly, due care should be exercised in selection, verification of performance, and use of the coating.

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# Intermooth® 365 Ecoloflex SPC

## Self Polishing Copolymer Antifouling

**INTENDED USES** At Newbuilding.

**PRODUCT DESCRIPTION** A high performance self polishing copolymer antifouling for coastal vessels.  
• Copper acrylate patented polishing technology

**PRODUCT INFORMATION**

<b>Color</b>	BEA363 Dark Brown, BEA364 Dark Red.
<b>Finish/Sheen</b>	Semi-Gloss (ASTM D-523)
<b>Converter</b>	One pack
<b>Volume Solids</b>	40% ± 2% (ASTM D-2697)
<b>Mix Ratio</b>	One pack
<b>Flash Point</b>	73°F (23°C) (Setaflash) (ASTM D-3278)
<b>Film Thickness</b>	5.0 mils (127 microns) dry specified equivalent to 12.5 mils (318 microns) wet 3.0-6.0 mils (76-152 microns) dry practical range equivalent to 7.5-15.0 mils (190-380 microns) wet
<b>Theoretical Coverage</b>	128 sq. ft./gal. (5.0 mils (127 microns) DFT) Allow appropriate loss factors.

**APPLICATION DETAILS**

<b>Method</b>	Airless spray
<b>Induction/Sweat-in Time</b>	Not applicable
<b>Thinner</b>	Not recommended. If necessary use GTA007, see thinning section.
<b>Cleaner</b>	GTA007
<b>Pot Life</b>	Not applicable

Drying Time (hours)	Substrate Temperature	(ASTM D 1640 7.5.1)	Overcoating Interval By		Minimum drying time* before flooding (for 2x5 mil [127 microns] DFT coats)
			Self (ASTM D-1640 7.3)	Minimum Maximum	
41°F (5°C)		1	6	6 months	18
73°F (23°C)		40 mins	4	6 months	12
95°F (35°C)		30 mins	3	6 months	10

\*Refer to your International Representative for minimum drying time before flooding at higher dry film thicknesses and to Limitations section for maximum recommended atmospheric exposure time before flooding.

ACCEPTED with COMMENTS in EPA Letter Dated:

JUN 08 2005

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No. 2693-188

**REGULATORY DATA**

<b>VOC</b>	BEA363 4.23 lb/gal (508 g/l) as supplied BEA364 4.23 lb/gal (508 g/l) as supplied
<b>EPA</b>	EPA Reg. No. 2693-188 See Page 4 for additional regulatory data.

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# Intersmooth® 365 Ecoloflex SPC

Self Polishing Copolymer Antifouling

**SYSTEMS AND  
COMPATIBILITY**

Consult your International Representative for the system best suited for surfaces to be protected.

**LIMITATIONS**

Apply in good weather when air and surface temperatures are above 35°F (2°C). Surface temperature must be at least 5°F (3°C) above dew point. For optimum application properties, bring material to 70-80°F (21-27°C) temperature range prior to mixing and application. Unmixed material (in closed containers) should be maintained in protected storage between 40 and 100°F (4-38°C).

The performance of this product is dependent upon the specified film thickness being achieved.

Recommended maximum exposure time before flooding:

- Temperate conditions: up to 4 months on vertical sides; up to 6 months on flat bottom.
- Tropical conditions: up to 3 months on vertical sides; up to 6 months on flat bottom.

If these periods are exceeded the antifouling performance may be impaired. On immersion, Intersmooth 365 Ecoloflex SPC will exhibit a slight color change. Consult International for overcoating Intersmooth 365 Ecoloflex SPC with organotin copolymer antifouling.

Technical and application data herein is for the purpose of establishing a general guideline of the coating and proper coating application procedures. Test performance results were obtained in a controlled laboratory environment and International makes no claim that the exhibited published test results, or any other tests, accurately represent results actually found in all field environments. As application, environmental and design factors can vary significantly, due care should be exercised in the selection, verification of performance, and use of the coating.

**SURFACE PREPARATION**

Paint only clean, dry surfaces. Remove all grease, oil, soluble contaminants and other detrimental foreign matter by "solvent cleaning" (SSPC-SP1).

*Unpainted surfaces:* Prepare surface and apply recommended primer. Apply one or more coats of Intersmooth 365 Ecoloflex SPC as specified. (Consult the relevant primer data sheet for surface preparation and overcoating information.)

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# Intermooth® 365 Ecoloflex SPC

Self Polishing Copolymer Antifouling

<b>MIXING</b>	This material is a one component coating. Always mix thoroughly with a power agitator before application.
<b>APPLICATION</b>	<p>Apply by airless spray. Application by other methods, brush or roller, may require more than one coat and is suggested for small areas only. Apply 12.5 mils (318 microns) wet which will yield 5.0 mils (127 microns) dry film thickness. Consult the following equipment recommendations or utilize suitable equal.</p> <p><b>Equipment</b> <i>Airless Spray:</i> Minimum 28:1 ratio pump; .018" -.026" (457-660 microns) orifice tip; 3/8" (9.5 mm) ID high pressure material hose; 60 mesh up filter.</p>
<b>THINNING</b>	Material is supplied at spray viscosity and normally does not need thinning. If thinning is necessary, thin up to a maximum of 4 ounces (118 ml) per gallon (3.79 lt) with International GTA007 Thinner.
<b>WORK STOPPAGES AND CLEANUP</b>	Clean all equipment immediately after use with International GTA007 Thinner. Spray equipment requires flushing with this solvent. It is good working practice to periodically flush out spray equipment during the course of the working day. Frequency will depend upon factors such as amount sprayed, temperature and elapsed time including work stoppages. Monitor material condition.
<b>WELDING</b>	In the event welding or flame cutting is performed on metal coated with this product, do so in accordance with instruction in ANSI/ASC Z49.1 "Safety in Welding and Cutting."
<b>SAFETY</b>	<p>Prior to use, obtain and consult the Material Safety Data Sheet for this product concerning health and safety information. Read and follow all precautionary notices on the Material Safety Data Sheet and container label. If you do not fully understand these warnings and instructions or if you cannot strictly comply with them, do not use this product. Proper ventilation and protective measures must be provided during application and drying to keep solvent vapor concentrations within safe limits and to protect against toxic or oxygen deficient hazards. Actual safety measures are dependent on application methods and work environment.</p> <p>Medical Advisory Number 1-800-854-6813.</p>
<b>WORLDWIDE AVAILABILITY</b>	Consult International

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# Intersmooth® 365 Ecoloflex SPC

Self Polishing Copolymer Antifoaming

**REGULATORY DATA**

Refer to container label for information concerning Precautionary Statements, Directions for Use and Storage and Disposal.

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**UNIT SIZE**

*This product can be made available in other pack sizes.  
Consult International for details.*

5.3 Gallon Unit (20 l)

**UNIT SHIPPING WEIGHT**

BEA363: 71.5 lb (32.5 kg)

BEA364: 71.5 lb (32.5 kg)

**UN SHIPPING NO: 1263**

**STORAGE**

*Store in cool, dry conditions.*

**Shelf Life**

6 months minimum from date of manufacture when maintained in protected storage at 40-95°F (4-35°C)\* Subject to reinspection thereafter.

\* Note: Active ingredients remain stable, but application properties may be affected.

*All representations and statements concerning the product(s) in this data sheet are accurate to the best of International's knowledge. Any statements herein are not intended to be specific recommendations or warranties of any product, combination of products or fitness for any particular purpose. Any warrants, if given, or specific Terms and Conditions of Sale are contained in International's Terms and Conditions of Sale. You should request a copy of this document and review it carefully.*

*Intersmooth and Ecoloflex are registered trademarks.*