LICENSED
HAWAII
DEPT. OF AGRICULTURE
Period 2005-2007 No. 9669.178

BEA468/A9/A2

STATE OF HAWAII
Department of Agriculture
ACCEPTED
LICENSE NO. 9669.178

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

DANGER

Corrosive. Causes irreversible eye damage or skin burns. Harmful if absorbed through skin. Do not get in eyes, on skin or on clothing. Wear protective clothing such as goggles, rubber gloves, long-sleeved cotton shirt, long pants and hat. Harmful if swallowed or inhaled. Do not breathe dust, vapor or spray mist. Wear a mask or respirator jointly approved by the Mining Enforcement and Safety Administration and the National Institute for Occupational Safety and Health. Remove contaminated clothing and wash before reuse. Wash thoroughly with soap and water after handling.

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.

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.

✕, International and Intersmooth are registered trademarks of International Coatings Limited.

Product Identity

Intersmooth® 460
Antifouling

Color

Dark Brown

Sales Reference

BEA468/5

Net Contents

5 U.S. Gallons (18.93 Liters)

MSDS Reference	Revision
BEA468	A9

Batch No.

FOR COMMERCIAL USE ONLY

Active Ingredients:	
CUPROUS OXIDE	40.41%
ZINC 2-PYRIDINETHIOL 1-OXIDE*	3.80%
Inert Ingredients:	55.79%
	100.00%

COPPER AS METALLIC = 35.89%

Contains petroleum distillates.

*Zinc Pyrithione

KEEP OUT OF REACH OF CHILDREN
DANGER

See side panel for additional Precautionary Statements

EPA Reg. No.: 2693-187 EPA Est. No.: 2693-TX-1

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 (SPC) antifouling system with patented Copper Acrylate technology.

INTENDED USES: Specifically designed for Deep Sea Vessels. For use and application by professionals at Maintenance and Repair facilities.

PRODUCT INFORMATION:

Finish/Sheen:	Not Applicable
Converter/Curing Agent:	Not Applicable
Volume Solids:	40% ± 2% (ISO 3233-1998)
Typical Film Thickness:	4.9 mils dry (12.3 mils wet)
Theoretical Coverage:	130 Sq. Ft./U.S. Gal. at 125 microns dft (dry film thickness), allow appropriate loss factors.
Method Of Application:	Airless Spray; Brush, Roller (small areas only)
Flash Point:	Single Pack 70°F

Substrate Temperature	23°F	41°F	77°F	95°F
DRYING INFORMATION:				
Touch Dry [ISO 1517:73]	2 hrs	60 mins	40 mins	30 mins
Before Immersion:				
0-36 month schemes	30 hrs	20 hrs	16 hrs	10 hrs
48-60 month schemes	Not recommended	48 hrs	36 hrs	24 hrs
OVERCOATING DATA - see limitations				
Intersmooth 460 0-36 month schemes:				
Min	12 hrs	6 hrs	4 hrs	3 hrs
Max	28 days	28 days	28 days	28 days
Intersmooth 460 48-60 month schemes:				
Min	Not recommended	18 hrs	12 hrs	9 hrs
Max		28 days	28 days	28 days

Note: For 48-60 month schemes the times before flooding can revert to the times for 0-36 month schemes if:

1) the antifouling scheme is less than 15 mils (375 microns) dft in total, or
2) the vessel service speed is less than 15 knots
3) for applications at 23°F (-5°C) only 2 coat schemes should be specified. It is not recommended that 3 or 4 coat schemes are applied at this temperature.

Refer to Limitations Section for maximum recommended atmospheric exposure time before flooding. Consult your International Representative for specific recommendations.

REGULATORY DATA
VOC: 4.24 lbs./U.S. Gal. (508 g/l) as supplied (EPA Method 24)

SYSTEMS AND COMPATIBILITY: Consult your International Representative for the system best suited for the surfaces to be protected.

SURFACE PREPARATION: Use in accordance with the standard Worldwide Marine Specifications. All surfaces to be coated should be clean, dry and free from contamination. High pressure fresh water wash or fresh water wash, as appropriate, and remove all oil or grease, soluble contaminants and other foreign matter in accordance with SSPC-SP1 solvent cleaning.

Major Refurbishment: Areas of breakdown, damage etc. should be prepared to the specified standard (e.g. Sa2fi (ISO 8501-1 : 1988)) and primed prior to the application of Intersmooth 460. Intersmooth 460 should always be applied over a recommended primer coating scheme. The primer surface should be dry and free from all contamination, and Intersmooth 460 must be applied within the overcoating intervals specified for the primer (consult the relevant product data sheet).

Repair: Repair corroded areas with the recommended anticorrosive primer system and apply Intersmooth 460 within the overcoating interval specified for the primer (consult relevant primer data sheets).

Application of Intersmooth 460 over itself: Clean the entire area with close high pressure fresh water washing using a fan-jet lance held close to the surface (3,000 p.s.i. 211 kg/cm^2) as soon as the vessel enters dock and before it dries out. Consult International for alternative methods of surface preparation.

Application of Intersmooth 460 over other International or competitors antifoulings: Consult your International Representative for specific recommendations.

NOTE: For use in Marine situations in North America, the following surface preparation standards can be used:
SSPC-SP10 in place of Sa2fi (ISO 8501-1:1988)

International Paint Inc.
Union, NJ 07083 • Houston, TX 77091

LIMITATIONS: Coating lifetime is directly proportional to thickness applied. Performance of this product is dependent upon the specified film thickness being achieved. The Minimum Time Before Flooding and Overcoating Time is dependent upon film thickness and vessel speed. Please refer to the note in the Drying/Overcoating information section.
Recommended maximum drying time before immersion:
Temperate conditions - 28 days
Tropical conditions - 28 days
If these periods are exceeded the antifouling performance may be impaired. On immersion, Intersmooth 460 will exhibit a slight color change.
Consult International for overcoating Intersmooth 460 with TBT copolymer antifoulings. Overcoating information is given for guidance only and is subject to regional variation depending upon local climate and environmental conditions. Consult your local International Representative for specific recommendations.
Apply in good weather. Temperature of the surface to be coated must be at least 5°F (3°C) above the dew point. For optimum application properties, bring the product to 77-86°F (25-30°C), unless specifically instructed otherwise, prior to mixing and application. Unmixed material (in closed containers) should be maintained in protected storage in accordance with information given in the STORAGE Section of this label. Technical and application data herein is for the purpose of establishing a general guidline of the 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 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.

APPLICATION
Mixing: This product is a one pack coating without additional components. Always mix thoroughly with a power agitator before application.
Thinning: Not recommended. Use International GTA007 only in exceptional circumstances (max 5% by volume). DO NOT thin more than allowed by local environmental legislation.
Airless Spray: Recommended.
- Tip range 0.46 - 0.66 mm (18-26 thou)
- Total output fluid pressure at spray tip not less than 190 kg/cm^2 (2700 psi)

Conventional Spray: Do not apply by conventional spray.
Brush and Roller: Application by brush or roller is for small areas only. Multiple coats may be required to achieve specified film thickness.
Cleaner: International GTA007

Work Stoppages & Cleanup: Thoroughly flush all equipment with International GTA007. All unused product should be stored in tightly closed containers. Partially filled containers may show surface skinning and/or a viscosity increase of the product after storage. Product should be filtered prior to use.

Welding: In the event welding or flame cutting is performed on metal coated with this product, dust and fumes will be emitted which will require the use of appropriate personal protective equipment and adequate local exhaust ventilation. In North America do so in accordance with instruction in ANSI/ASC Z49.1 "Safety in Welding and Cutting".

SAFETY: All work involving the application and use of this product should be performed in compliance with all relevant National Health, Safety & Environmental standards and regulations. Prior to use, obtain, consult and follow the Material Safety Data Sheet for this product concerning health and safety information. Read and follow all precautionary notices on the MSDS and container labels. If you do not fully understand these warning 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. Take precautions to avoid skin and eye contact (ie. gloves, goggles, face masks, barrier creams, etc.) Actual safety measures are dependant on application methods and work environment. EMERGENCY CONTACT NUMBERS:
USA/Canada - Medical Advisory Number 1-800-854-6813

STORAGE: Shelf Life (from date of manufacture)
6 months minimum at temperatures up to 77°F (25°C). *
3 months minimum at temperatures greater than 77°F (25°C). *
Subject to re-inspection thereafter. Store in dry, shaded conditions away from sources of heat and ignition.

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

DISCLAIMER:
All representations and statements concerning the product on this label 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 warranty, 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.

BEA469/B0/A0

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

DANGER

Corrosive. Causes irreversible eye damage or skin burns. Harmful if absorbed through skin. Do not get in eyes, on skin or on clothing. Wear protective clothing such as goggles, rubber gloves, long-sleeved cotton shirt, long pants and hat. Harmful if swallowed or inhaled. Do not breathe dust, vapor or spray mist. Wear a mask or respirator jointly approved by the Mining Enforcement and Safety Administration and the National Institute for Occupational Safety and Health. Remove contaminated clothing and wash before reuse. Wash thoroughly with soap and water after handling.

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.

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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Product Identity

Intersmooth® 460
Antifouling

Color

Dark Red

Sales Reference

BEA469/5

Net Contents

5 U.S. Gallons (18.93 Liters)

MSDS Reference	Revision
BEA469	B0

Batch No.

FOR COMMERCIAL USE ONLY

Active Ingredients:	
CUPROUS OXIDE	40.41%
ZINC 2-PYRIDINETHIOL 1-OXIDE*	3.80%
Inert Ingredients:	55.79%
	100.00%

COPPER AS METALLIC = 35.89%

Contains petroleum distillates.

*Zinc Pyrithione

KEEP OUT OF REACH OF CHILDREN
DANGER

See side panel for additional Precautionary Statements

EPA Reg. No.: 2693-187 EPA Est. No.: 2693-TX-1

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 (SPC) antifouling system with patented Copper Acrylate technology.

INTENDED USES: Specifically designed for Deep Sea Vessels. For use and application by professionals at Maintenance and Repair facilities.

PRODUCT INFORMATION:

Finish/Sheen:	Not Applicable
Converter/Curing Agent:	Not Applicable
Volume Solids:	40% ± 2% (ISO 3233-1998)
Typical Film Thickness:	4.9 mils dry (12.3 mils wet)
Theoretical Coverage:	130 Sq. Ft./U.S. Gal. at 125 microns dft (dry film thickness), allow appropriate loss factors.
Method Of Application:	Airless Spray; Brush, Roller (small areas only)
Flash Point:	Single Pack 70°F

Substrate Temperature	23°F	41°F	77°F	95°F
DRYING INFORMATION:				
Touch Dry [ISO 1517:73]	2 hrs	60 mins	40 mins	30 mins
Before Immersion:				
0-36 month schemes	30 hrs	20 hrs	16 hrs	10 hrs
48-60 month schemes	Not recommended	48 hrs	36 hrs	24 hrs
OVERCOATING DATA - see limitations				
Intersmooth 460 0-36 month schemes:				
Min	12 hrs	6 hrs	4 hrs	3 hrs
Max	28 days	28 days	28 days	28 days
Intersmooth 460 48-60 month schemes:				
Min	Not recommended	18 hrs	12 hrs	9 hrs
Max		28 days	28 days	28 days

Note: For 48-60 month schemes the times before flooding can revert to the times for 0-36 month schemes if:

1) the antifouling scheme is less than 15 mils (375 microns) dft in total, or
2) the vessel service speed is less than 15 knots
3) for applications at 23°F (-5°C) only 2 coat schemes should be specified. It is not recommended that 3 or 4 coat schemes are applied at this temperature.

Refer to Limitations Section for maximum recommended atmospheric exposure time before flooding. Consult your International Representative for specific recommendations.

REGULATORY DATA

VOC: 4.24 lbs./U.S. Gal. (508 g/l) as supplied (EPA Method 24)

SYSTEMS AND COMPATIBILITY: Consult your International Representative for the system best suited for the surfaces to be protected.

SURFACE PREPARATION: Use in accordance with the standard Worldwide Marine Specifications. All surfaces to be coated should be clean, dry and free from contamination. High pressure fresh water wash or fresh water wash, as appropriate, and remove all oil or grease, soluble contaminants and other foreign matter in accordance with SSPC-SP1 solvent cleaning.

Major Refurbishment: Areas of breakdown, damage etc. should be prepared to the specified standard (e.g. Sa2fi (ISO 8501-1 : 1988)) and primed prior to the application of Intersmooth 460. Intersmooth 460 should always be applied over a recommended primer coating scheme. The primer surface should be dry and free from all contamination, and Intersmooth 460 must be applied within the overcoating intervals specified for the primer (consult the relevant product data sheet).

Repair: Repair corroded areas with the recommended anticorrosive primer system and apply Intersmooth 460 within the overcoating interval specified for the primer (consult relevant primer data sheets).

Application of Intersmooth 460 over itself: Clean the entire area with close high pressure fresh water washing using a fan-jet lance held close to the surface (3,000 p.s.i. 211 kg/cm^2) as soon as the vessel enters dock and before it dries out. Consult International for alternative methods of surface preparation.

Application of Intersmooth 460 over other International or competitors antifoulings: Consult your International Representative for specific recommendations.

NOTE: For use in Marine situations in North America, the following surface preparation standards can be used:

SSPC-SP10 in place of Sa2fi (ISO 8501-1:1988)

International Paint Inc.
Union, NJ 07083 • Houston, TX 77091

Performance of this product is dependent upon the specified film thickness being achieved. The Minimum Time Before Flooding and Overcoating Time is dependent upon film thickness and vessel speed. Please refer to the note in the Drying/Overcoating information section.

Recommended maximum drying time before immersion:

Temperate conditions - 28 days
Tropical conditions - 28 days

If these periods are exceeded the antifouling performance may be impaired. On immersion, Intersmooth 460 will exhibit a slight color change.

Consult International for overcoating Intersmooth 460 with TBT copolymer antifoulings. Overcoating information is given for guidance only and is subject to regional variation depending upon local climate and environmental conditions. Consult your local International Representative for specific recommendations.

Apply in good weather. Temperature of the surface to be coated must be at least 5°F (3°C) above the dew point. For optimum application properties, bring the product to 77-86°F (25-30°C), unless specifically instructed otherwise, prior to mixing and application. Unmixed material (in closed containers) should be maintained in protected storage in accordance with information given in the STORAGE Section of this label. Technical and application data herein is for the purpose of establishing a general guidline of the 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 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.

APPLICATION

Mixing: This product is a one pack coating without additional components. Always mix thoroughly with a power agitator before application.

Thinning: Not recommended. Use International GTA007 only in exceptional circumstances (max 5% by volume). DO NOT thin more than allowed by local environmental legislation.

Airless Spray: Recommended.

- Tip range 0.46 - 0.66 mm (18-26 thou)
- Total output fluid pressure at spray tip not less than 190 kg/cm^2 (2700 psi)

Conventional Spray: Do not apply by conventional spray.

Brush and Roller: Application by brush or roller is for small areas only. Multiple coats may be required to achieve specified film thickness.

Cleaner: International GTA007

Work Stoppages & Cleanup: Thoroughly flush all equipment with International GTA007. All unused product should be stored in tightly closed containers. Partially filled containers may show surface skinning and/or a viscosity increase of the product after storage. Product should be filtered prior to use.

Welding: In the event welding or flame cutting is performed on metal coated with this product, dust and fumes will be emitted which will require the use of appropriate personal protective equipment and adequate local exhaust ventilation. In North America do so in accordance with instruction in ANSI/ASC Z49.1 "Safety in Welding and Cutting".

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USA/Canada - Medical Advisory Number 1-800-854-6813

STORAGE: Shelf Life (from date of manufacture)
6 months minimum at temperatures up to 77°F (25°C). *
3 months minimum at temperatures greater than 77°F (25°C). *
Subject to re-inspection thereafter. Store in dry, shaded conditions away from sources of heat and ignition.

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

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BEA462/A0/A0

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

DANGER

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- Call a poison control center or doctor for treatment advice.

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- Call a poison control center or doctor for further treatment advice.

If in eyes:
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- 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.

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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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Product Identity

Intersmooth® 460 Antifouling

Color

Black

Sales Reference

BEA461/5

Net Contents

5 U.S. Gallons (18.93 Liters)

MSDS Reference	Revision
BEA461	A0

Batch No.

FOR COMMERCIAL USE ONLY

Active Ingredients:	
CUPROUS OXIDE	40.41%
ZINC 2-PYRIDINETHIOL 1-OXIDE*	3.80%
Inert Ingredients:	55.79%
	100.00%

COPPER AS METALLIC = 35.89%

Contains petroleum distillates.

*Zinc Pyrithione

KEEP OUT OF REACH OF CHILDREN
DANGER

See side panel for additional Precautionary Statements

EPA Reg. No.: 2693-187 EPA Est. No.: 2693-TX-1

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 (SPC) antifouling system with patented Copper Acrylate technology.

INTENDED USES: Specifically designed for Deep Sea Vessels. For use and application by professionals at Maintenance and Repair facilities.

PRODUCT INFORMATION:

Finish/Sheen:	Not Applicable
Converter/Curing Agent:	Not Applicable
Volume Solids:	40% ± 2% (ISO 3233-1998)
Typical Film Thickness:	4.9 mils dry (12.3 mils wet)
Theoretical Coverage:	130 Sq. Ft./U.S. Gal. at 125 microns dft (dry film thickness), allow appropriate loss factors.
Method Of Application:	Airless Spray; Brush, Roller (small areas only)
Flash Point:	Single Pack 70°F

Substrate Temperature	23°F	41°F	77°F	95°F
DRYING INFORMATION:				
Touch Dry [ISO 1517:73]	2 hrs	60 mins	40 mins	30 mins
Before Immersion:				
0-36 month schemes	30 hrs	20 hrs	16 hrs	10 hrs
48-60 month schemes	Not recommended	48 hrs	36 hrs	24 hrs
OVERCOATING DATA - see limitations				
Intersmooth 460 0-36 month schemes:				
Min	12 hrs	6 hrs	4 hrs	3 hrs
Max	28 days	28 days	28 days	28 days
Intersmooth 460 48-60 month schemes:				
Min	Not recommended	18 hrs	12 hrs	9 hrs
Max		28 days	28 days	28 days

Note: For 48-60 month schemes the times before flooding can revert to the times for 0-36 month schemes if:

1) the antifouling scheme is less than 15 mils (375 microns) dft in total, or
2) the vessel service speed is less than 15 knots
3) for applications at 23°F (-5°C) only 2 coat schemes should be specified. It is not recommended that 3 or 4 coat schemes are applied at this temperature.

Refer to Limitations Section for maximum recommended atmospheric exposure time before flooding. Consult your International Representative for specific recommendations.

REGULATORY DATA
VOC: 4.24 lbs./U.S. Gal. (508 g/l) as supplied (EPA Method 24)

SYSTEMS AND COMPATIBILITY: Consult your International Representative for the system best suited for the surfaces to be protected.

SURFACE PREPARATION: Use in accordance with the standard Worldwide Marine Specifications. All surfaces to be coated should be clean, dry and free from contamination. High pressure fresh water wash or fresh water wash, as appropriate, and remove all oil or grease, soluble contaminants and other foreign matter in accordance with SSPC-SP1 solvent cleaning.

Major Refurbishment: Areas of breakdown, damage etc. should be prepared to the specified standard (e.g. Sa2½ (ISO 8501-1 : 1988)) and primed prior to the application of Intersmooth 460. Intersmooth 460 should always be applied over a recommended primer coating scheme. The primer surface should be dry and free from all contamination, and Intersmooth 460 must be applied within the overcoating intervals specified for the primer (consult the relevant product data sheet).

Repair: Repair corroded areas with the recommended anticorrosive primer system and apply Intersmooth 460 within the overcoating interval specified for the primer (consult relevant primer data sheets).

Application of Intersmooth 460 over itself: Clean the entire area with close high pressure fresh water washing using a fan-jet lance held close to the surface (3,000 p.s.i. 211 kg/cm^2) as soon as the vessel enters dock and before it dries out. Consult International for alternative methods of surface preparation.

Application of Intersmooth 460 over other International or competitors antifoulings: Consult your International Representative for specific recommendations.

NOTE: For use in Marine situations in North America, the following surface preparation standards can be used:
SSPC-SP10 in place of Sa2½ (ISO 8501-1:1988)

International Paint Inc.
Union, NJ 07083 • Houston, TX 77091

LIMITATIONS: Coating lifetime is directly proportional to thickness applied. Performance of this product is dependent upon the specified film thickness being achieved. The Minimum Time Before Flooding and Overcoating Time is dependent upon film thickness and vessel speed. Please refer to the note in the Drying/Overcoating Information section.
Recommended maximum drying time before immersion:
Temperate conditions - 28 days
Tropical conditions - 28 days
If these periods are exceeded the antifouling performance may be impaired. On immersion, Intersmooth 460 will exhibit a slight color change.
Consult International for overcoating Intersmooth 460 with TBT copolymer antifoulings. Overcoating information is given for guidance only and is subject to regional variation depending upon local climate and environmental conditions. Cnsult your local International Representative for specific recommendations.
Apply in good weather. Temperature of the surface to be coated must be at least 5°F (3°C) above the dew point. For optimum application properties, bring the product to 77-86°F (25-30°C), unless specifically instructed otherwise, prior to mixing and application. Unmixed material (in closed containers) should be maintained in protected storage in accordance with information given in the STORAGE Section of this label. Technical and application data herein is for the purpose of establishing a general guidline of the 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 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.

APPLICATION
Mixing: This product is a one pack coating without additional components. Always mix thoroughly with a power agitator before application.
Thinning: Not recommended. Use International GTA007 only in exceptional circumstances (max 5% by volume). DO NOT thin more than allowed by local environmental legislation.
Airless Spray: Recommended.
- Tip range 0.46 - 0.66 mm (18-26 thou)
- Total output fluid pressure at spray tip not less than 190 kg/cm^2 (2700 psi)

Conventional Spray: Do not apply by conventional spray.
Brush and Roller: Application by brush or roller is for small areas only. Multiple coats may be required to achieve specified film thickness.
Cleaner: International GTA007

Work Stoppages & Cleanup: Thoroughly flush all equipment with International GTA007. All unused product should be stored in tightly closed containers. Partially filled containers may show surface skinning and/or a viscosity increase of the product after storage. Product should be filtered prior to use.

Welding: In the event welding or flame cutting is performed on metal coated with this product, dust and fumes will be emitted which will require the use of appropriate personal protective equipment and adequate local exhaust ventilation. In North America do so in accordance with instruction in ANSI/ASC Z49.1 "Safety in Welding and Cutting".

SAFETY: All work involving the application and use of this product should be performed in compliance with all relevant National Health, Safety & Environmental standards and regulations. Prior to use, obtain, consult and follow the Material Safety Data Sheet for this product concerning health and safety information. Read and follow all precautionary notices on the MSDS and container labels. If you do not fully understand these warning 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. Take precautions to avoid skin and eye contact (ie. gloves, goggles, face masks, barrier creams, etc.) Actual safety measures are dependant on application methods and work environment. EMERGENCY CONTACT NUMBERS:
USA/Canada - Medical Advisory Number 1-800-854-6813

STORAGE: Shelf Life (from date of manufacture)
6 months minimum at temperatures up to 77°F (25°C). *
3 months minimum at temperatures greater than 77°F (25°C). *
Subject to re-inspection thereafter. Store in dry, shaded conditions away from sources of heat and ignition.

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

DISCLAIMER:
All representations and statements concerning the product on this label 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 warranty, 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.

BEA462/A0/A0

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

DANGER

Corrosive. Causes irreversible eye damage or skin burns. Harmful if absorbed through skin. Do not get in eyes, on skin or on clothing. Wear protective clothing such as goggles, rubber gloves, long-sleeved cotton shirt, long pants and hat. Harmful if swallowed or inhaled. Do not breathe dust, vapor or spray mist. Wear a mask or respirator jointly approved by the Mining Enforcement and Safety Administration and the National Institute for Occupational Safety and Health. Remove contaminated clothing and wash before reuse. Wash thoroughly with soap and water after handling.

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.

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.

®, International and Intersmooth are registered trademarks of International Coatings Limited.

Product Identity

Intersmooth® 460
Antifouling

Color

Blue

Sales Reference

BEA462/5

Net Contents

5 U.S. Gallons (18.93 Liters)

MSDS Reference	Revision
BEA462	A0

Batch No.

FOR COMMERCIAL USE ONLY

Active Ingredients:	
CUPROUS OXIDE	40.41%
ZINC 2-PYRIDINETHIOL 1-OXIDE*	3.80%
Inert Ingredients:	55.79%
	100.00%

COPPER AS METALLIC = 35.89%

Contains petroleum distillates.

*Zinc Pyrithione

KEEP OUT OF REACH OF CHILDREN
DANGER

See side panel for additional Precautionary Statements

EPA Reg. No.: 2693-187 EPA Est. No.: 2693-TX-1

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 (SPC) antifouling system with patented Copper Acrylate technology.

INTENDED USES: Specifically designed for Deep Sea Vessels. For use and application by professionals at Maintenance and Repair facilities.

PRODUCT INFORMATION:

Finish/Sheen:	Not Applicable
Converter/Curing Agent:	Not Applicable
Volume Solids:	40% ± 2% (ISO 3233-1998)
Typical Film Thickness:	4.9 mils dry (12.3 mils wet)
Theoretical Coverage:	130 Sq. Ft./U.S. Gal. at 125 microns dft (dry film thickness), allow appropriate loss factors.
Method Of Application:	Airless Spray; Brush, Roller (small areas only)
Flash Point:	Single Pack 70°F

Substrate Temperature	23°F	41°F	77°F	95°F
DRYING INFORMATION:				
Touch Dry [ISO 1517:73]	2 hrs	60 mins	40 mins	30 mins
Before Immersion:				
0-36 month schemes	30 hrs	20 hrs	16 hrs	10 hrs
48-60 month schemes	Not recommended	48 hrs	36 hrs	24 hrs
OVERCOATING DATA - see limitations				
Intersmooth 460 0-36 month schemes:				
Min	12 hrs	6 hrs	4 hrs	3 hrs
Max	28 days	28 days	28 days	28 days
Intersmooth 460 48-60 month schemes:				
Min	Not recommended	18 hrs	12 hrs	9 hrs
Max		28 days	28 days	28 days

Note: For 48-60 month schemes the times before flooding can revert to the times for 0-36 month schemes if:

1) the antifouling scheme is less than 15 mils (375 microns) dft in total, or
2) the vessel service speed is less than 15 knots
3) for applications at 23°F (-5°C) only 2 coat schemes should be specified. It is not recommended that 3 or 4 coat schemes are applied at this temperature.

Refer to Limitations Section for maximum recommended atmospheric exposure time before flooding. Consult your International Representative for specific recommendations.

REGULATORY DATA

VOC: 4.24 lbs./U.S. Gal. (508 g/l) as supplied (EPA Method 24)

SYSTEMS AND COMPATIBILITY: Consult your International Representative for the system best suited for the surfaces to be protected.

SURFACE PREPARATION: Use in accordance with the standard Worldwide Marine Specifications. All surfaces to be coated should be clean, dry and free from contamination. High pressure fresh water wash or fresh water wash, as appropriate, and remove all oil or grease, soluble contaminants and other foreign matter in accordance with SSPC-SP1 solvent cleaning.

Major Refurbishment: Areas of breakdown, damage etc. should be prepared to the specified standard (e.g. Sa2½ (ISO 8501-1 : 1988)) and primed prior to the application of Intersmooth 460. Intersmooth 460 should always be applied over a recommended primer coating scheme. The primer surface should be dry and free from all contamination, and Intersmooth 460 must be applied within the overcoating intervals specified for the primer (consult the relevant product data sheet).

Repair: Repair corroded areas with the recommended anticorrosive primer system and apply Intersmooth 460 within the overcoating interval specified for the primer (consult relevant primer data sheets).

Application of Intersmooth 460 over itself: Clean the entire area with close high pressure fresh water washing using a fan-jet lance held close to the surface (3,000 p.s.i. 211 kg/cm^2) as soon as the vessel enters dock and before it dries out. Consult International for alternative methods of surface preparation.

Application of Intersmooth 460 over other International or competitors antifoulings: Consult your International Representative for specific recommendations.

NOTE: For use in Marine situations in North America, the following surface preparation standards can be used:

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