



LICENSED

PERIOD 2011-2013 LIC. NO.

9669.144

# 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 or spray mist. While spraying paint or sanding or sandblasting boat surfaces, 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.

### STATEMENT OF PRACTICAL TREATMENT:

**IF SWALLOWED:** Promptly drink large quantities of water. Avoid alcohol. Get medical attention.

**IF IN EYES:** Flush with plenty of water. Get medical attention.

**IF ON SKIN:** Wash with plenty of soap and water. Get medical attention.

**IF INHALED:** Remove victim to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. Get medical attention.

### 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:

Do not use or store near heat or open flame.

### STORAGE AND DISPOSAL:

Do not contaminate water, food or feed by storage or disposal.

**PESTICIDE DISPOSAL:** Pesticide, spray mixture, or rinsate that cannot be used according to label instructions must be disposed of according to applicable Federal, State or local procedures.

**CONTAINER DISPOSAL:** Triple rinse (or equivalent). Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill, or by other approved State and local procedures.

**DISCLAIMER:** The performance of any marine paint or coating depends on many factors outside the control of Courtaulds Coatings Inc. including surface preparation, proper application, and environmental conditions. Therefore, Courtaulds Coatings Inc. cannot guarantee this product's suitability for your particular purpose or application. IMPLIED WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE AND OF MERCHANTABILITY ARE EXCLUDED. COURTAULDS COATINGS INC. SHALL NOT, UNDER ANY CIRCUMSTANCES, BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES. By purchase or use of this product, buyer agrees that the sole and exclusive remedy, if any, is limited to the refund of the purchase price or replacement of the product at Courtaulds Coatings Inc's option.

LICENSED  
HAWAII  
DEPT. OF AGRICULTURE  
PERIOD 1999-2001 No. 9669.144

2002-2007  
2005-2007

### Product Identity

# Interclene® 140 Modified Vinyl Antifouling

### Order Number

# BWA360 RED FOR COMMERCIAL USE ONLY

### Active Ingredient:

CUPROUS OXIDE 38.19%

### Inert Ingredients:

61.81%

100.0%

**COPPER AS METALLIC = 34.57%**

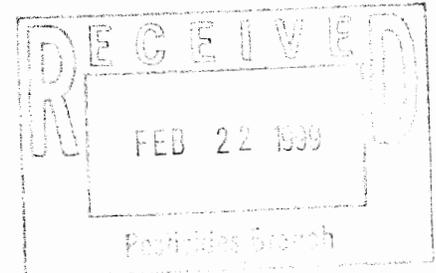
Contains petroleum distillates.

## KEEP OUT OF REACH OF CHILDREN WARNING

See side panel for additional Precautionary Statements

EPA Reg. No.: 2693-178

EPA Est. No.: 2693-NJ-1



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



LICENSED

PERIOD 2014-2016 LIC. NO.



Department of Agriculture  
STATE OF HAWAII

LICENSED

PERIOD 2008-2010 LIC. NO.

Regs

## DIRECTIONS FOR USE

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

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

**PRODUCT DESCRIPTION:** A modified vinyl antifouling used to control the attachment of barnacles, weed and other fouling organisms in sea water and fresh water.

### PRODUCT INFORMATION:

**Finish/Sheen:** Semi-Gloss (ASTM D-523)  
**Converter:** One pack  
**Volume Solids:** 62% ± 2% (ASTM D-2697)  
**Mix Ratio:** One pack  
**Flash Point:** 89°F(32°C) (Setaflash) (ASTM D-3278)  
**Film Thickness:** 2 mils (51 microns) dry specified equivalent to 3.2 mils (82 microns) wet; 2.0-3.0 mils (51-76 microns) dry practical range equivalent to 3.2-4.8 mils (82-123 microns) wet.  
**Theoretical Coverage:** 497 sq. ft./gal. (2.0 mils/51 microns DFT)  
**Allow appropriate loss factors.**

### APPLICATION DETAILS:

**Method:** Airless spray, brush or roller.  
**Thinner:** Not recommended. If necessary use GTA007, see thinning section.  
**Cleaner:** GTA007

Drying Time (hours)	Substrate Temp.	Touch	Overcoating		Minimum Drying Time* before flooding
			(ASTM D 1640 7.5.1)	Interval By Self (ASTM D-1640 7.8)	
			Min.	Max.	
41°F (5°C)		8	8	Indefinite	24
73°F (23°C)		3	3	Indefinite	12
95°F (35°C)		2	2	Indefinite	12

\*Refer to Limitations section for maximum recommended atmospheric exposure time before flooding.

### REGULATORY DATA

V.O.C.: 2.8 lbs./gal. (340 g/l) as supplied (EPA Method 24)

**SYSTEMS & 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).

Prolonged atmospheric exposure of this product may detract from antifouling performance. Recommended maximum exposure time before flooding:  
Temperate conditions 28 days  
Tropical conditions 7 days

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-SPI).

**New Construction:** Dependent on yard procedures, consult International.

**Unpainted surfaces:** Prepare surface and apply recommended primer. Apply one or more coats of Interclene® 140 as specified. (Consult the relevant primer data sheet for surface preparation and overcoating information.)

**Maintenance:** Use controlled close high pressure fresh water washing (3,000 psi, 211 kg./sq. cm.) to clean the entire area, and remove any leached layer at the surface of the existing antifouling system.

Repair corroded areas with the recommended anticorrosive primer and apply Interclene® 140 within the overcoating interval specified for the primer (Consult the relevant primer data sheet for surface preparation and overcoating information.). Apply the specified number of full coats of Interclene® 140.

**MIXING:** This material is a one component coating. Always mix thoroughly with a power agitator before application.

**APPLICATION:** Apply by airless spray only. Application by other methods, brush or roller, may require more than one coat and is suggested for small areas only. Apply 3.2 mils (82 microns) wet which will yield 2.0 mils (51 microns) dry film thickness. Consult the following equipment recommendations or utilize suitable equal.

### Equipment:

**Brush:** Use appropriate size China bristle brush.  
**Roller:** Use All Purpose Roller Cover with 3/8" (9.5mm) smooth to medium nap. Prewash roller cover to remove loose fibers prior to use.  
**Airless Spray:** Minimum 30:1 ratio pump; .021"-.026" (533-660 microns) orifice tip; 3/8"(9.5mm) ID high pressure material hose; 60 mesh tip filter.

**THINNING:** DO NOT THIN BEYOND YOUR STATES COMPLIANCY. Material is supplied at spray viscosity and normally does not need thinning. If thinning is necessary, thin up to a maximum of 4 ounces (118ml) per gallon (3.79 L) with International GTA007 Thinner.

**WORK STOPPAGES & CLEAN UP:** Clean all equipment immediately after use with 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.

**WELDING:** 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".

**SAFETY:** This product is not to be used without reference to the current relevant Product Data Sheet and Material Safety Data Sheet (MSDS). Prior to use, obtain, consult and follow both the Material Safety and Product Data Sheets for this product for details concerning both product and health and safety information. Read and follow all precautionary notices on the Material Safety and Product Data Sheets and their 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 and/or flash fire. Actual safety measures are dependent on application methods and work environment. This safety information is not a substitute for that contained in the Material Safety and Product Data Sheets.

Medical Advisory Number 1-800-854-6813.

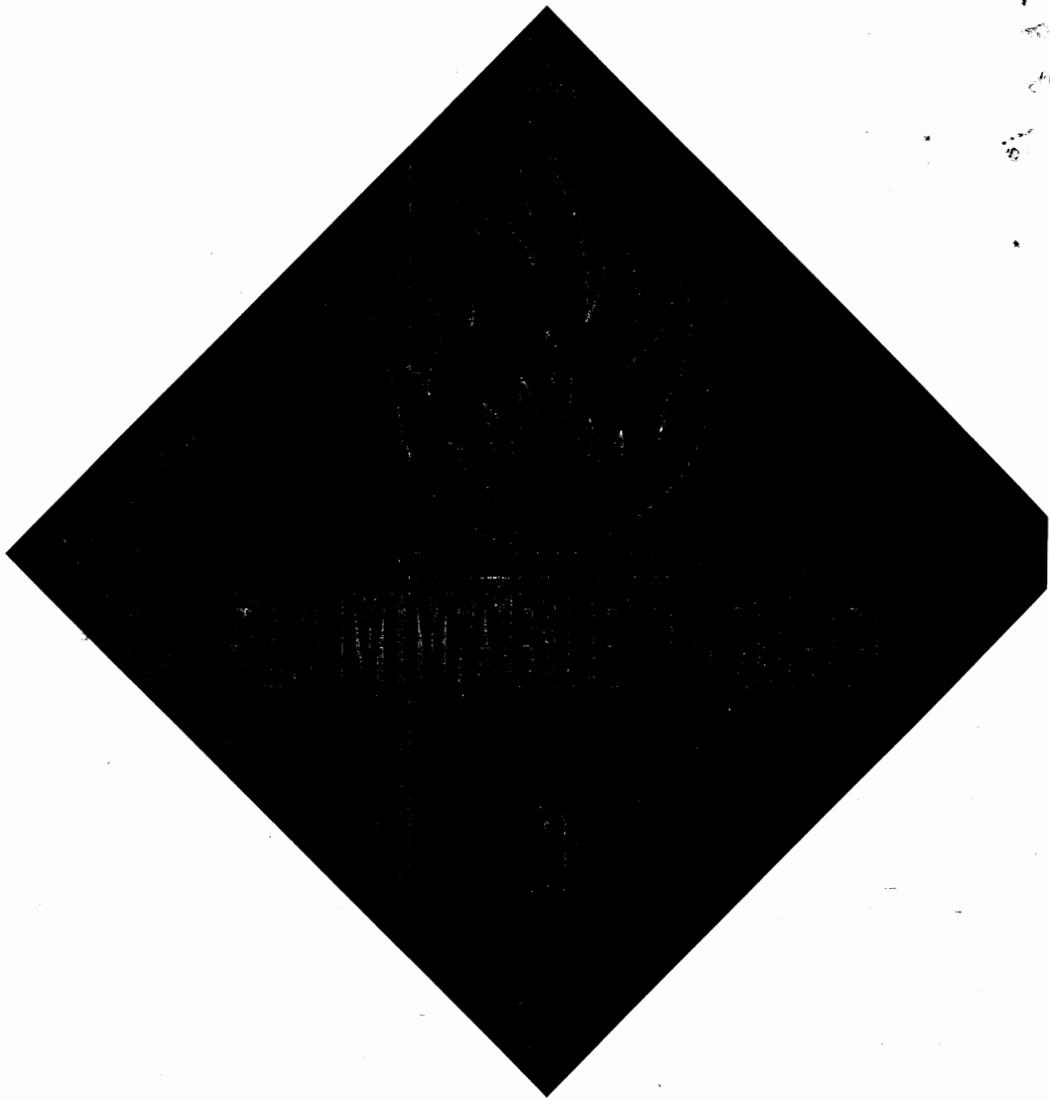
UN Shipping No: 1263

**STORAGE:** Store in cool, dry conditions.

Shelf Life - One year minimum from date of manufacture when maintained in protected storage at 40-100°F (4-38°C). Subject to reinspection thereafter.

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.

Courtaulds Coatings Inc.  
Union, NJ 07083 • Houston, TX 77091



PAINT  
UN 1263



COURTAULDS  
COATINGS



# Interclene® 140

## Modified Vinyl Antifouling

**INTENDED USES**

A traditional antifouling for in-service periods of up to 24 months dependent upon trading conditions and specifications applied.

**PRODUCT DESCRIPTION**

A modified vinyl antifouling used to control the attachment of barnacles, weed and other fouling organisms in sea water and fresh water.

**PRODUCT INFORMATION**

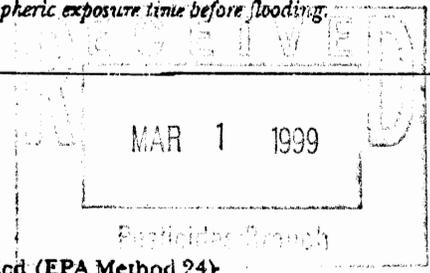
**Color** BWA360-Red  
**Finish/Sheen** Semi-Gloss (ASTM D-523)  
**Converter** One pack  
**Volume Solids** 62% ± 2% (ASTM D-2697)  
**Mix Ratio** One pack  
**Flash Point** 89°F (32°C) (Setaflash) (ASTM D-3278)  
**Film Thickness** 2 mils (51 microns) dry specified equivalent to 3.2 mils (82 microns) wet  
 2.0-3.0 mils (51-76 microns) dry practical range equivalent to 3.2-4.8 mils (82-123 microns) wet  
**Theoretical Coverage** 497 sq. ft./gal. (2.0 mils (51 microns) DFT) Allow appropriate loss factors

**APPLICATION DETAILS**

**Method** Airless spray, brush or roller  
**Induction/Sweat-in Time** Not applicable  
**Thinner** Not recommended. If necessary use GTA007, see thinning section.  
**Cleaner** GTA007  
**Pot Life** Not applicable

Drying Time (hours)	(ASTM D 1640 7.5.1)	Overcoating Interval By		Minimum drying time* before flooding
		Self	(ASTM D-1640 7.8)	
Substrate Temperature	Touch	Minimum	Maximum	
41°F (5°C)	8	8	Indefinite	24
73°F (23°C)	3	3	Indefinite	12
95°F (35°C)	2	2	Indefinite	12

\*Refer to Limitations section for maximum recommended atmospheric exposure time before flooding.



**REGULATORY DATA**

**VOC** 2.8 lb/gal (340 g/l) as supplied (EPA Method 24)

**EPA** Federal EPA Registration No. 2693-178  
 For specific state registrations contact your International Representative.  
 See Page 4 for additional Regulatory Data.

# Interclene® 140

Modified Vinyl Antifouling

## SYSTEMS AND COMPATIBILITY

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

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## LIMITATIONS

Apply in good weather when air and surface temperatures are above 35°F (2°C). Surface temperature must be at least 3°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).

Prolonged atmospheric exposure of this product may detract from antifouling performance.

Recommended maximum exposure time before flooding:

Temperate conditions 28 days

Tropical conditions 7 days

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.

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## SURFACE PREPARATION

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

*New Construction:* Dependent on yard procedures, consult International.

*Unpainted surfaces:* Prepare surface and apply recommended primer. Apply one or more coats of Interclene 140 as specified. (Consult the relevant primer data sheet for surface preparation and overcoating information.)

*Maintenance:* Use controlled close high pressure fresh water washing (3,000 psi, 211 kg/sq. cm.) to clean the entire area, and remove any leached layer at the surface of the existing antifouling system.

Repair corroded areas with the recommended anticorrosive primer and apply Interclene 140 within the overcoating interval specified for the primer (consult relevant primer data sheet for surface preparation and overcoating information).

Apply the specified number of full coats of Interclene 140.

# Interclene® 140

Modified Vinyl Antifouling

MIXING	This material is a one component coating. Always mix thoroughly with a power agitator before application.
APPLICATION	<p>Apply by airless spray only. Application by other methods, brush or roller, may require more than one coat and is suggested for small areas only. Apply 3.2 mils (82 microns) wet which will yield 2.0 mils (51 microns) dry film thickness. Consult the following equipment recommendations or utilize suitable equal.</p> <p><b>Equipment</b> <i>Brush:</i> Use appropriate size China bristle brush. <i>Roller:</i> Use All Purpose Roller Cover with 3/8" (9.5mm) smooth to medium nap. Prewash roller cover to remove loose fibers prior to use. <i>Airless Spray:</i> Minimum 30:1 ratio pump; .021"-.026" (533-660 microns) orifice tip; 3/8" (9.5mm) ID high pressure material hose; 60 mesh tip filter.</p>
THINNING	<b>DO NOT THIN BEYOND YOUR STATE'S COMPLIANCY.</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 with International GTA007 Thinner.
WORK STOPPAGES AND CLEANUP	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.
WELDING	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"
SAFETY	<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>
WORLDWIDE AVAILABILITY	Consult International

# Interclene® 140

Modified Vinyl Antifouling

## REGULATORY DATA

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

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

## UNIT SIZE

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

5 Gallon Unit (18.9 l)

## UNIT SHIPPING WEIGHT

97.5 lb (44.3 kg)

## UN SHIPPING NO: 1263

## STORAGE

*Store in cool, dry conditions.*

## Shelf Life

One year minimum from date of manufacture when maintained in protected storage at 40-100°F (4-38°C). Subject to reinspection thereafter.

*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 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.*

*Interclene is a registered trademark.*



**COURTAULDS  
COATINGS**

General Offices 6001 Antoine, Houston, Texas 77091  
Tel: (713) 682-1711  
Medical Advisory Number 1-800-854-6813

PI5102.1  
9/98