

- A pesticide-free foul release coating
- Excellent for all underwater metal surfaces including use on aluminum outboards, outdrives, brackets, lower units and running gear
- Available in popular engine colors and finishes
- Easy application, spray apply directly to factory painted finish without priming
- Contains no copper or TBT compounds - will not promote galvanic corrosion on metal
- Works using ePaint's exclusive patented photo-chemistry and soft sacrificial ablative finish
- May be hauled and re-launched without recoating
- Safe for fresh and salt water
- Recommended as a "\$ BUDGET BUY" and rated "EXCELLENT" after 6 Months (3/2010 Issue) and "GOOD" after 12 Months (10/2009 Issue) by Practical Sailor Magazine

**DESCRIPTION**



ePaint EP-21 Aerosol is the first pesticide-free foul release coating packaged in an easy to use spray can and is available in popular engine colors and finishes. Use EP-21 on underwater metal surfaces including outboards, outdrives, brackets, lower units and running gear, components that cannot be painted with traditional copper-based antifouling paints. No longer must you risk corroding your outdrive with traditional copper-based antifouling paints. No longer must you chisel off barnacles and zebra mussels from your outboard motor brackets which could result in damage and costly repairs. EP-21 Aerosol is copper-free and will not promote galvanic corrosion on metal. EP-21 works without the use of a pesticide by incorporating ePaint's patented photo-active chemistry and soft sacrificial ablative finish, dissolving like a bar of soap to allow for easy removal of any growth. The EP-21 finish is easy to clean and any bio-fouling that does occur is readily removed by gentle wiping or power washing at the end of the season. EP-21 performs better and is safer your boat and our environment.

**PHYSICAL DATA**

**COLORS:**

- Metallic Silver (Honda®\*)
- Metallic Blue Silver (Yamaha®\*)

*Looking for **BLACK** or **WHITE**?  
 Use ePaint ZO copper-free anti-fouling paint and brush apply*

PACKAGING: 12 oz spray can  
 PHYSICAL STATE: Pressurized liquid  
 THEORETICAL COVERAGE: 15 ft<sup>2</sup>/gal per spray can for one coat  
 PERCENT VOLATILE: 64.51%  
 VOC CONTENT: 34.51%  
 SPECIFIC GRAVITY: 1.24 @ 59°F 15°C)

VEHICLE TYPE: Solvent  
 CURING MECHANISM: Evaporation  
 BOILING POINT: < -0°F to 350°F  
 FLASH POINT: < -0°F (< -18°C)  
 VAPOR PRESSURE: 50psig @ 70°F

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\* Colors are similar to OEM finishes but may fade and discolor overtime with exposure to elements. EP-21 is not manufactured or distributed by Honda®, Yamaha® or any of their affiliates.



The Environmental Paint Company

# EP-21 Aerosol

Foul Release Coating for Outboards, Lower Units and Running Gear  
TECHNICAL DATA SHEET (2010-02)

## APPLICATION DATA

METHOD: Aerosol spray can

NUMBER OF COATS: 2 or 3

DRY FILM THICKNESS PER COAT: 2 mils

APPLICATION TEMPERATURE: 40°F (4.4°C) min.  
90°F (32.2°C) max.

DRY TIMES\* (HOURS):

TEMPS	TO RECOAT	TO LAUNCH
40°F (4.4°C)	12	28
50°F (10.0°C)	10	24
60°F (15.6°C)	8	20
70°F (21.1°C)	5	16
80°F (26.6°C)	4	12
90°F (32.2°C)	3	8

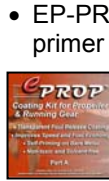
\*EP-21 Aerosol may be recoated after the minimum time to within 1 week to avoid sanding. Max coat to launch time is not critical.

THINNER: ePaint EP-13 brush thinner and clean up

## COMPANION PRODUCTS



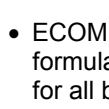
- ePaint EP-13 thinner, for clean up and reduction of ePaint solvent-based paints



- EP-PRIME 1000, a multi-purpose epoxy primer for metals, fiberglass, and wood



- eProp Kit, foul release coating for propellers, shafts, and running gear



- ECOMINDER® antifouling paint, water-based formula, excellent slime protection and perfect for all boats in fresh and low fouling salt water



- ZO antifouling paint, copper-free protection for all types of recreational and commercial boat hulls, running gear, brackets, etc. in fresh and salt water

## APPLICATION DETAILS

EP-21 Aerosol is a soft ablative foul release coating. Shake the paint can for 2 minutes after the mixing ball begins to rattle. Hold can 10-12" from the surface. Spray on with smooth, even strokes. Shake often during use. When finished, clean valve by spraying up side down for 2 to 3 seconds until no more paint comes out. If valve clogs, carefully wipe spray tip clean with ePaint EP-13 thinner. Do not puncture can or valve. Do not paint anodes. Follow all application instructions for optimal performance. Refer to individual labels and technical sheets for instructions when used in conjunction with related products.

### SURFACE PREPARATION

Proper surface preparation is an important step for a coating system that performs properly. Follow recommendations set forth in following sections carefully. Inadequate surface preparation will result in poor coating performance.

### MAINTENANCE & CONSIDERATIONS

EP-21 Aerosol is a soft ablative foul release coating, it is not classified as an antifouling paint; periodic maintenance scrubbing and/or boat movement may be required to keep clean. As long as EP-21 is present, any growth will be easy to remove. For copper-free antifouling protection, consider using ePaint ZO, ECOMINDER®, or SN-1 antifouling paints. No bottom paint can be effective under all conditions of exposure. Pollution and natural occurrences can adversely affect bottom paint. Extreme air and water temperatures, silt, dirt, oil, poor water clarity, and low oxygen levels can harm bottom paint. Therefore, ePaint suggests that the paint be checked regularly to make sure it is clean and that no growth is occurring. Lightly wipe paint a soft brush or cloth to remove anything from surface. Scrubbing is particularly important to boats that sit idle for extended periods of time in high fouling bodies of water. Bottom paints are generally more effective when the boat is used periodically.

## SYSTEMS

### OUTDRIVE, OUTBOARD, BRACKET, ETC.

Lightly sand existing factory finish with medium Scotchbrite pad to dull surface, wipe away dust/debris with water or ePaint EP-13 thinner, allow to dry, and apply 2 or 3 coats of EP-21 Aerosol following dry to recoat times listed in this data sheet.

### OUTDRIVE, OUTBOARD, BRACKET, ETC. WITH OLD ANTIFOULING PAINT

Lightly sand existing PAINT with 80 grit sand paper to roughen the surface, wipe away dust/debris with water or ePaint EP-13 thinner, allow to dry, and apply 2 or 3 coats of EP-21 Aerosol following dry to recoat times listed in this data sheet. If old paint is chipped down to bare aluminum, spot prime with epoxy primer first (see instructions below).

### BARE ALUMINUM

Bare metal should be properly cleaned by sanding or blasting to a near white finish and primed with at least one coat of epoxy primer such as ePaint EP-Prime 1000. When final coat of epoxy is soft but tack-free, apply first coat of EP-21 Aerosol, allow to dry overnight. Next day apply 2 more coats of EP-21 Aerosol following dry to recoat times listed in this data sheet.

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Information in this technical data sheet is not intended to be exhaustive and is subject to modification from time to time in the light of experience and our policy of continuous product development. Please visit www.epaint.com for the most recent product information.