

Epifanes Foul-Away

Epifanes Foul-Away is a copper- and tin free selfpolishing antifouling. Instead of following the age-old method of leaching toxicants that persist in the environment, Foul-Away employs a novel mechanism to control the attachment of fouling organisms. Because Foul-Away contains no copper, it is available in white as well as a variety of bright colors. The lack of copper also ensures that Foul-Away is compatible with aluminium and other metals in the marine environment. This is not the case with copper-based paints that promote galvanic corrosion with metal boats.

Features	No copper, tin compounds or other toxic materials. Economical Hauling and relaunching should not affect coating performance Does not require a pesticide license
Recommended uses	Foul-Away is recommended for use on wooden, fibreglass, steel and aluminium vessels
Coating type	Copper and TBT-free ablative matrix vehicle When immersed in water, Foul-Away photochemically generates hydrogen peroxide which bleaches growth and keeps the vessel bottom clean. The minute levels of peroxides makes the surface inhospitable to the settling larvae of fouling organisms. Hydrogen peroxide is a potent, but short-lived chemical that has traditionally been used as an antiseptic. Peroxides have been demonstrated to be effective antifouling agents. The peroxides do not persist in the environment because they quickly decompose back into oxygen and water by natural ions dissolved in the water.
Colors	White, black, red, redbrown, lightblue, darkblue and green
Density (average)	1.70 kg/dm ³
Solids by weight	70.6 - 78.6%
Solids by volume	46.3 - 53.7%
Flashpoint	>25°C = 77°F
Thinner	Not recommended Clean up with mineral spirits
Dry-to-Recoat	Minimum 4 hours at 21°C (70°F) Maximum not critical
Dry-to-Launch	Minimum 15 hours at 21°C (70°F) Maximum not critical
Application	Brush, Roller or Spray Foul-Away is formulated for easy traditional painting techniques. Only apply Foul-Away to clean, dry, well-prepared surfaces. Apply a minimum of three coats. Film thickness control is critical. Service life is a direct function of film thickness.
Theoretical Spreading Rate	10 sqm / ltr
Recommended Film Thickness per Coat	100 wet micron to obtain 50 dry micron

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APPLICATION GUIDE

SURFACE PREPARATION

Epifanes Foul-Away is designed to go over any properly prepared surface. Do not apply Foul-Away over soft ablative coatings or unprimed metal. Foul-Away is compatible with most anticorrosive coatings, but consult your Epifanes Representative for recommendations regarding specific product compatibilities.

PREVIOUSLY PAINTED SURFACES

Epifanes Foul-Away may be applied over most existing antifouling systems. The old antifouling paint must be secure, intact and hydroblasted clean. Any loose or flaking material should be removed by sanding, hydroblasting or washing the surface with vigorous abrasion. Wipe surface with acetone to remove stubborn contaminants and sanding debris. Exposed metal surfaces should be reprimed before recoating. To renew old Foul-Away, sand lightly to roughen its surface and then apply new Foul-Away antifouling paint as per the instructions contained in this bulletin.

Old Antifouling	Co-polymer Selfpolishing	Rosin	Vinyl	Chlorinated Rubber	Vinyl w / Teflon®
Foul-Away	Sand and apply	Sand and apply	Heavy sand and apply	Sand and apply	Heavy sand and apply

UNPAINTED SURFACES

Metal surfaces should be properly cleaned and primed before applying Epifanes Foul-Away. Corrosion-inhibiting epoxy primers are recommended to afford protection to the hull. Follow the manufacturer's recommendations for dry times, film thickness and overcoating with an antifouling coating. Apply Foul-Away when the last coat of epoxy is tack free but still soft to finger pressure or better on a previously applied fully cured coat of Epifanes Interimcoat. A mist coat should be applied prior to the application of the recommended three coat minimum. A thin mist coat is applied initially to facilitate the adhesion and watability of the following coats. If the epoxy has cured too hard, apply another thin coat of epoxy or Interimcoat within recommended recoat intervals, then apply Foul-Away.

MIXING AND THINNING

Power shake Foul-Away. If power shake is not available, thoroughly mix the product until a homogenous blend results. Thinning is not recommended

APPLICATION

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See specification data for dry and launch times. Cooler temperatures may require increasing the minimum times between coating and launching

PRECAUTIONS

See material safety data sheet and product label for complete safety and precautions requirements.

Warning. DO NOT incorporate into this Epifanes coating any thinner, additive, modifier, converter, or related product by any manufacturer other than Epifanes. Any such substitution can jeopardize the unique chemical characteristics of the Epifanes product.