

BIO SHIELD



CLEAR Anti-Fouling Coating No. 610

ADVANTAGES OF BIO-SHIELD

• Improved fuel savings for power craft • Faster racing speeds for power and sailcraft • Long term performance due to limited erosion rate of polymeric film • No sacrifice of antifouling properties for boats that may be kept out of the water for extended periods of time • Underwater fittings used for communications, radar and other electronic devices will be kept free of fouling organisms • Outdrives and power units left in the water are also kept free of fouling organisms • Normal practice used in trailering boats will not affect the properties of the coating • Application of Bio-Shield will provide long term beauty and protection to your boat unsurpassed by other products used for this purpose.

ACC
JUL 1971
379311

Active Ingredients	Tributyltin Fluoride	4.1%
	Tributyltin Methacrylate (as a part of a polymer)	11.8%
Inert Ingredients		84.1%
	Total	100%
	Total Tin Content	5.6%
	Contains Petroleum Distillates	

**KEEP OUT OF REACH OF CHILDREN
DANGER**

Statement of practical treatment.

If Swallowed — Drink promptly a large quantity of milk, egg whites, gelatin solution or if these are not available drink large quantities of water. Avoid alcohol. Get medical attention. Note To Physician: Probable mucosal damage may result and late the use of gastric lavage.
If Inhaled: Remove to fresh air.
If in Eyes — Flush eyes with plenty of water. Get medical attention.
If on Skin — Wash with plenty of soap and water. Get medical attention.

See back panel for additional precautionary statements.

(1)

BIO-SHIELD

Bio-Shield displays an effective control in the growth of organisms on boat surfaces below the waterline. Bio-Shield is equally effective in fresh or salt water. When applied properly, long lasting protection is maintained in the most heavily fouling waters. The clear film produces a high gloss durable finish resulting in a 20% increase in propulsion efficiency, whether the boat's power or sail. No Buffing or Polishing procedures required. If vessel is removed from the water there is no degradation of film properties.

SURFACE PREPARATION

- New Fiberglass:** Wash the gel coat with brushing thinner #B-1 or Lacquer Thinner, lightly sand to a frosted finish, then rewash. Apply a coat of #2000 Epoxy undercoat. Allow an overnight dry before applying four (4) brush or spray coats of Bio-Shield Antifouling coating. Allow four (4) hours drying time between coats.
- Old Bare Fiberglass:** Wash the gel coat with brushing thinner #B-1 or Lacquer Thinner, sand to a frosted finish, then rewash. Apply two coats of #2000 Epoxy undercoat to seal the gelcoat. Allow an overnight dry between coats. Apply four (4) brush or spray coats of Bio-Shield Antifouling coating, allowing four (4) hours between coats.
- Bare Wood:** Apply one brush coat of #2000 Epoxy undercoat and allow an overnight drying time before applying four (4) brush or spray coats of Bio-Shield Antifouling coating. Allow four (4) hours between coats.
- Bare Aluminum, Lead & Bronze:** The metal surfaces should be properly sandblasted or cleaned to bright metal. Apply one coat of #2000 Epoxy undercoat, allowing overnight to cure before applying four (4) brush or spray coats of Bio-Shield, allowing four (4) hours to dry between coats.
- Bare Steel:** The metal surface should be sandblasted to bright metal. Apply one coat of Dyco Zinc Corrosive Preventative, allowing an overnight drying time. Apply one coat of #2000 Epoxy undercoat allowing an overnight drying time. Apply four (4) brush or spray coats of Bio-Shield allowing four (4) hours between coats.
- Repair Work:** If old paint type is unknown apply a small patch of #2000 Epoxy undercoat to test its compatibility with the old paint. If the #2000 undercoat lifts or cracks the old paint, the old paint will have to be removed. If nothing appears to happen to the old paint let the test patch dry overnight and scrape the test patch to see if it is adhering satisfactorily. If it is, prepare the surface by sanding to a smooth finish. Apply one coat of #2000 Epoxy undercoat and allow to dry overnight. Then apply four (4) brush or spray coats of Bio-Shield allowing four (4) hours drying time between coats.

DO NOT THIN FOR BRUSHING!

For spraying thin with B-1 Thinner. Do not exceed 1 quart of thinner per gallon of Bio-Shield.
Launch boat 72 hours after completion of final application of Bio-Shield.

PRECAUTIONARY STATEMENTS:

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

For commercial and non-commercial use. Corrosive. Causes irreversible eye damage and burns. Harmful if absorbed through skin, swallowed or inhaled. Do not get on skin, in eyes or on clothing. Wear goggles, face shield or safety glasses. Wear protective clothing such as long sleeved cotton shirt, long pants, hat and gloves. Wash thoroughly with soapy water after handling. Remove contaminated clothing and wash before reuse. Avoid breathing vapor or spray mist. Use with adequate ventilation. When used in confined areas, while spraying and/or sanding boat surface wear a mask or respirator jointly approved by the Mining Enforcement and Safety Administration and the National Institute for Occupational Safety and Health.

DANGER

ENVIRONMENTAL HAZARD

This material is toxic to fish. Do not apply directly to water by cleaning of equipment or disposal of waste. Do not allow chips and dust generated during paint removal to enter water. Dispose of paint debris in an approved landfill.

PHYSICAL OR CHEMICAL HAZARD

Do not use or store near heat or open flame. FLASH POINT 85°F

DIRECTIONS FOR USE

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

Bio-Shield is an antifouling coating suitable for application to properly prepared and primed wood, steel, aluminum and fiberglass vessels subject to attack by barnacles, algae, tube worms and other fouling organisms.

The surface should be clean and dry prior to paint application. Dyco #2000 should be applied as the primer for wood, metal and fiberglass hulls.

Application of Bio-Shield can be by spray or brush. The preferred method of application is by spray. Airless spraying is strongly recommended.

• 5 Spray coats are required for proper long term protection. Note — when spraying do not exceed 50 sq. ft. per gallon.

• 4 Brush coats are required for proper long term protection. Note — when brushing do not exceed 56 sq. ft. per gallon.

When spraying, applicators must use appropriate NIOSH approved respirator. Protective clothing, rubber gloves and goggles should be worn by applicators.

Contaminated clothing should be laundered before reuse, disposable suits are preferred.

Clean up with kylene.

Vessel may be launched in 3-7 days or later.

STORAGE AND DISPOSAL

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

• Pesticide Disposal: Pesticide paint or residue that cannot be used according to label instructions must be disposed of according to the Federal, State and local law procedures under the Resource Conservation and Recovery Act.

• Container Disposal: Triple rinse (or equivalent) and offer for recycling or reconditioning or dispose of in a sanitary landfill or by other approved State and local procedures.



IT WORKS!

(2)