

# RemovALL™ 610

## Anti-Fouling / Fiberglass Paint Stripper



RemovALL™ 610 is a water-based paint stripper designed specifically to remove anti-fouling and other paints from fiberglass surfaces. This makes it the perfect choice for pleasure boats. It is biodegradable, safer than conventional strippers, user-friendly and environmentally safe.

### FEATURES

- Water-based
- Fully biodegradable
- Non-flammable
- Contains no TAPs or HAPs (Toxic / Hazardous Air Pollutants)
- Non-carcinogenic
- Safer to use than conventional strippers
- Easy clean-up with running water
- Low VOCs
- Non-ozone-depleting
- Not regulated by authorities for transportation / storage
- Low and inoffensive odour
- Will not burn skin
- Does not damage the gel coat

Cost effective because:

- Requires much less chemical to achieve desired results
- Reduces man-hours and effort required to complete a project
- Reduces cost of waste disposal
- Reduces down time since other work at site can continue while stripper does its job
- Lowers insurance costs for worker safety and storage hazards

### TYPICAL USES

RemovALL™ 610 has proven it will effectively lift all kinds of anti-fouling paint including modified epoxies, co-polymers, resins and vinyl. It also works effectively on other paint systems like urethanes, latex varnish, lacquer and marine enamels. Specifically engineered for fiberglass surfaces, RemovALL™ 610 has become the product of choice for stripping anti-fouling paint from boats.

- Multiple coats of anti-fouling removed with only one application
- Safe on most gelcoat on fiberglass
- Will not damage epoxy coated cold moulded hulls
- Harmless for boatyard's water catchment system
- Reduces labour time compared to sanding or grinding
- Works without supervision so work force can do other revenue producing jobs while paint is being stripped

### PROPERTIES

Appearance: White foamed emulsion  
 Specific Gravity: 1.01  
 Boiling Point: 212 °F • 100 °C  
 Freezing Point: 32 °F • 0 °C  
 pH (direct reading): 2.0 - 3.0  
 VOC content: 67 g / L • .56 lbs. / gal  
 Flash point: >212 °F • 100 °C  
 Viscosity (cPs): 6,000 - 12,000  
 Shelf life: 24 months  
 Coverage: 40 to 60 sq.ft/US G • 1 to 2 sq.m/L (theoretical)

Worker Health and Safety:  
See MSDS

### PACKAGING

<b>VOLUME:</b>	<b>WEIGHT:</b>
1 USGal/ 3.8L	38lbs-17.1Kg
(4 / case)	16.5x16.5x8.5in
5 USGal/18.9L pail	45lbs-20Kg
	12x12x15in
55 USGal/205L drum	500 lbs
	24x24x35in

One Pallet takes 36 pails or 30 cases. Not regulated by transport authorities.

## THE TECHNOLOGY



RemovALL™ products are powered by patented SARA Technology. This technology utilizes the physical forces released by chemical reactions to break the bond between the paint and the substrate. Coatings lift off cleanly and can be easily removed.

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## Directions for Use

### TEST AREA:

Always prepare a test area prior to full application. This will indicate the time required for project completion and suitability of product for the paint and substrate. Apply two test areas in different locations on the hull. Anti-fouling paint is very porous and it absorbs your first application of stripper. Apply a medium layer of stripper and allow to penetrate into coating, then apply a second heavier layer of stripper and loosely cover ½ of the test area with a polyethene sheet. Check test areas for progress approximately every 4 hours. If stripper continues to penetrate, apply more stripper. Coating is ready to be removed when it is easily scraped off with a plastic putty knife. Most coating systems will need an overnight dwell time.

### EQUIPMENT AND TOOLS:

This product is engineered for spray application. Airless sprayers are recommended. A typical medium size airless sprayer is capable of spraying this product. Equip the sprayer with a tip size of 0.019 inches or larger. (Example: a 519 or 425 tip). Other equipment: Pole scrub brushes, scraper, masking tape, polyethene sheets 0.7-1.5 mil, pressure washer, electric drill with mixer, empty pails for clean-up, running water, rags.

### PREPARATION:

**(a) MASKING:** Cover / protect areas where the paint is to be left on. This includes adjoining surfaces where overspray may travel. Polyethene sheets make a very effective barrier. If using masking tape, apply two layers of tape and remove the top layer immediately after application as the remover may soak through the tape, damaging paint under it. Plants should be covered or washed thoroughly with water before and during application.

**(b) MIXING:** If on visual examination, water appears to have separated out of the product, thoroughly mix the stripper with a high speed drill mixer until it becomes homogenous once again. (Usually within 5 minutes)

**(c) EQUIPMENT:** Remove all filters from the pump, sprayer and gun. Prime the pump and run stripper through the hose and gun until all previous water / solvent / paint residue has been cleaned out.

### APPLICATION PROCEDURE:

An airless spray machine is the most effective means for application. Always start the sprayer pump at the lowest pressure setting and slowly build up the pressure until an adequate fan pattern has been generated. Apply 30-40 mils of stripper and allow to penetrate into the coating, which could take between 2 to 6 hours. Notice that the sheen of wet stripper will disappear as stripper penetrates. Apply the second application directly over the first after it is absorbed. Do not scrape or introduce water between applications. Your test area has determined needed thickness of second application. Also determined was the advantage of a covering of light gage polyethene sheets.

Most coating systems of 10 or more layers will require an overnight dwell time. Apply first layer of stripper mid- morning and second layer in the afternoon. Start on the shady side and make your way around. Cover lightly, being careful not to push stripper away from surface. The polyethene sheets will not only slow drying process but also protect from the elements. Once applied, leave the stripper alone, as agitation slows down penetration. Brushing and rolling should be avoided because these methods produce a lower film build and inconsistent thickness of stripper.

If a brush must be used, then use the brush like a spade (shovel) to deposit the stripper onto the paint surface. Do not attempt to spread the stripper with the brush.

### COVERAGE:

The desirable wet film thickness of stripper is approximately one and a half times the dry film thickness of the paint. Minimum wet film thickness should be 20 mils (500 microns) for one layer of anti-fouling. The number of layers of Anti-fouling paint you are removing will determine how heavy to apply RemovAll 610. Coverage is approximately 30 to 60 sq. ft.- 1 to 2.2 sq.m/L.

### DWELL TIME:

The time required for penetration varies according to the type of paint, the thickness of the paint and the temperature. Most paint systems require between 2 to 36 hours, but we suggest to check every 4 hours.

### REMOVAL AND CLEAN-UP:

Begin removal when coating system can be easily scraped off. Remove polyethene sheets in sections of 4 feet. Scrape the softened coatings onto removed poly and remove from work area. Repeat this process as you work down one side of the boat. This procedure will insure easy removal regardless of the size of your craft, and prevent drying. When one side is completely scraped and the paint residue removed, re-apply a light coat of RemovAll 610 on difficult sections or residue that remains. Move on the the other side and repeat operation. The difficult sections should have lifted after 30 mins. After boat is stripped, do a final rinse and allow to dry 24 hours prior to repainting. Collect lifted paint and dispose of in accordance with local government regulations. Clean up spray equipment by running water through the equipment soon after the spraying has been completed.

### OPTIMUM TEMPERATURE:

Surface temperatures should be 65 to 95 °F (20 to 32 °C). The product should not be used at temperatures lower than 40 °F - 4.4 °C.

### SAFETY PRECAUTIONS:

Proper safety procedures should be followed at all times while handling the product. Refer to the Material Safety Data Sheet for important health / safety information before use.