

Instructions

Nyalic Clearcoat Rust and Corrosion Protectant



KIT CONTENTS

- 2 – Nyalic quart cans – 1 quart covers approx. 300 ft²
 - 1 – Simple Prep™ – 32-ounce bottle (degreaser)
 - 2 – Right Rinse™ – 32-ounce bottles (cleanser)
 - 1 – Tuff Prep™ – 3.5 lb. jar (gel)
 - 1 – Nyalic Aerosol – 12-ounce can
 - 1 – Soft bristle brush
 - 3 – White scrub pads
 - 3 – Lint-free paper towels
- Not included: Wash bucket and spray gun

FOR THE FOLLOWING KITS

MRN-KT2 / Marine

Purpose: Rust and corrosion protection for boats.

Benefits: Restore color and extend vehicle life; reduce maintenance costs, preserve residual value and maximize resale.

Environments: Corrosive environments such as water, salt and harsh weather.

FOR BEST RESULTS

Please read the following instructions to ensure Nyalic is applied under the best possible conditions to ensure long-lasting, permanent results.

The application temperature should be between 55°F and 95°F (12.8°C – 35°C) with the dew point and temperature not less than 5°F (3°C) difference. The warmer the temperature in this range, the better the coating will cure. Application at temperatures below 55°F (12.8°C) may result in peeling or may cause moisture to be trapped in the coating resulting in a white or cloudy appearance.

Do not apply Nyalic in hot sunlight or if the surface is hot to your hand. Surface temperatures above 120°F (48.9°C) may result in inadequate product flow or dry spots from the solvent flashing off too quickly.

To avoid streaking marks, do not allow the cleaners to dry on the surface.

Test decals to make sure Nyalic does not adversely affect them. Use the aerosol can and spray a small area of a decal to make sure the Nyalic does not smear or lift the decal.

SAFETY RECOMMENDATIONS

- Wear safety glasses or a face shield at all times when cleaning, rinsing, using blowers, air compressors, sprayers and when working around chemicals and mechanical equipment.
- Wear NIOSH approved respirators when working around any paint or coating that is sprayed or in locations where fumes may accumulate.
- Wear appropriate clothing and gloves to keep cleaners and coatings off your skin.
- No smoking or open flames in the coating area or in a coating and chemical storage area.
- Refer to local, state and federal regulations for the proper disposal method of empty containers and supplies used to prepare surfaces, apply coatings and clean up equipment.

INSTRUCTIONS

Even painted surfaces on new boats may have a variety of chemicals on them, including polish and wax residues and cleaner residues. All surface residues must be completely removed to ensure good adhesion of the Nyalic.

1. Inspection

Park the boat in the wash area.

A. BARE METAL ALUMINUM BOATS, TUNA TOWERS, WAKE-BOARD / SKI TOWERS, BRIGHT-WORK, PONTOONS (Bare metals: Stainless Steel, Aluminum, Brass, Bronze and Copper)

Make a visual inspection of your boat, tower, etc. Note any areas that may be damaged or have areas of existing corrosion. Tea staining on stainless steel and white rust on aluminum is common.

Tuff Prep™ Method to Remove Black Streaks & Tea Stains:

Wet the surface with water. Use the white pads and the Tuff Prep gel to scrub small sections to remove streaks and stains. Keep the surface damp, and do not allow the Tuff Prep to dry on the surface. Rinse with plenty of fresh water.

Wash with Right Rinse™

In the wash bucket, mix 1 quart of Right Rinse with 3 quarts of warm water. Using a garden pump sprayer works well to spray the Right Rinse on the surface. Wet the surface with water. Use the scrub brush and Right Rinse to remove any remaining debris and to remove any soap film. Rinse with plenty of fresh water. Test the surface for cleanliness. Apply water to the surface and check to see that the water sheets off of the surface. If the water beads up or runs around a spot, the surface is not entirely clean. Reclean the area that shows signs of contamination.

NOTE: Aluminum boats may require acid washing to remove stubborn stains. Be sure to follow the acid manufacturer's directions closely to clean the surface. Once the surface is cleaned with acid and rinsed thoroughly, use the Right Rinse mixed with water and immediately use this solution to neutralize the surface to stop the acid reaction with the aluminum. Rinse with lots of fresh water.

If Major Surface Renovation or Polishing is Necessary

Remember that Nyalic is a clear coating and does not hide surface blemishes. Before applying Nyalic, make sure you obtain the surface appearance you like prior to coating.

Typical surface renovation might be done by hand using a random orbital for light sanding or use of a conditioning pad. Test a small inconspicuous area to ensure you get the desired surface look. After the renovation is complete, wash with the

Right Rinse solution and then rinse well with clean fresh water.

If you decide you need to polish the surface, use your favorite polish and buff as desired. However, you must remove the polish before applying Nyalic or the Nyalic will not adhere. Use Prep-Sol® or a similar automotive wax remover to remove the polish. Afterwards, wash the surface with the Right Rinse solution and rinse well with clean fresh water. If water beads up or runs around an area, repeat this cleaning process until the water sheet offs.

CONTINUE TO WASH DOWN SECTION 2

B. SAILBOAT MASTS (aluminum – new, anodized, painted)

Make a visual inspection of your mast. Note any areas that may be damaged, have missing or damaged paint or areas of existing corrosion.

If the mast is painted, determine whether the existing finish needs to be removed. If so, strip the paint with a quality paint stripper (such as Sea-To-Sky™). When clear of residue, rewash as above before applying Nyalic. Examine the mast for pitting, scratches and tough stains.

Sand the Mast if Necessary

Use a random orbital sander with 240 grit paper or a green (medium) pad. You may want to follow with a gray (super fine) pad depending on the desired look. Less coarse paper should be used as necessary. Remember that Nyalic is a clear coating and

does not hide surface blemishes, so you will need to obtain the surface appearance you like prior to coating.

Simple Prep™ Method to Remove Minor Dirt or Stains

In a 5-gallon bucket, mix 1 quart of Simple Prep (degreaser) and 3 quarts of clean hot fresh water. Using a garden pump sprayer works well to spray the Simple Prep on the surface. Rinse with plenty of fresh water.

Tuff Prep™ Method to Remove Black Streaks & Tea Stains

Wet the surface with water. Use the white pads and the Tuff Prep gel to scrub small sections to remove streaks and stains. Keep the surface damp, and do not allow the Tuff Prep to dry on the surface. Rinse with plenty of fresh water.

Wash with Right Rinse™

In the wash bucket, mix 1 quart of Right Rinse with 3 quarts of warm water. Using a garden pump sprayer works well to spray the Right Rinse on the surface. Wet the surface with water. Use the scrub brush and Right Rinse to remove any remaining debris and soap film. Rinse with plenty of fresh water. Test the surface for cleanliness. Apply water to the surface and check to see that the water sheets off of the surface. If the water beads up or runs around a spot, the surface is not entirely clean. Reclean the area that shows signs of contamination.

CONTINUE TO WASH DOWN SECTION 2

C. FIBERGLASS BOATS, PAINTED SURFACES, PWC

Make a visual inspection of your boat, PWC, painted surface, etc. Note any areas that may be damaged, have missing or damaged paint or areas of existing corrosion.

Fiberglass or painted boat surfaces may have a variety of chemicals on them, including polish and wax residues. Older fiberglass or painted boats are likely to have a chalky film caused by UV rays or perhaps environmental chemicals. Regardless of the cause, all surface residues must be completely removed to ensure good adhesion of the Nyalic.

Test for the level of chalking. Wet your finger and wipe the painted surface vigorously. If you do not see a lot of chalking on your finger, use the Simple Prep method to clean the surface. If you see a lot of chalked paint on your finger, it will be necessary to use the Tuff Prep method to clean the surface.

Wash Down Completely

PRO TIP: Use a hot water pressure washer if available. This will help to remove grease and grime that might contaminate soaps and brushes.

Simple Prep™ Method to Remove Minor Chalking

In a 5-gallon bucket, mix 1 quart of Simple Prep (degreaser) and 3 quarts of clean hot freshwater. Using a garden pump sprayer works well to spray the Simple Prep on the surface. Rinse with plenty of fresh water.

Tuff Prep™ Method to Remove Black Streaks & Tea Stains

Wet the surface with water. Use the white pads and the Tuff Prep gel to scrub small sections to remove streaks and stains. Keep the surface damp, and do not allow the Tuff Prep to dry on the surface. Rinse with plenty of fresh water.

Wash with Right Rinse™

In the wash bucket, mix 1 quart of Right Rinse with 3 quarts of warm water. Using a garden pump sprayer works well to allow you to spray the Right Rinse on the surface. Wet the surface with water. Use the scrub brush and Right Rinse to remove any remaining debris and soap film. Rinse with plenty of fresh water. Test the surface for cleanliness. Apply water to the surface and check to see that the water sheets off of the surface. If the water beads up or runs around a spot, the surface is not entirely clean. Reclean the area that shows signs of contamination.

CONTINUE TO WASH DOWN SECTION 2

NOTE: If you notice a clear coat peeling problem on the hood or any fiberglass parts, refer to NFC's instructions and kit requirements for repair of a factory clear coat peeling problem.

2. Wash Down

Rinse the boat with fresh water.

PRO TIP: Use a hot water pressure washer if available. This will help remove grease and grime that might contaminate soaps and brushes.

Simple Prep™ Method to Remove Minor Chalking:

In a 5-gallon bucket, mix 2 quarts of Simple Prep (degreaser) and 3 quarts of clean, hot, fresh water. Using a garden pump sprayer works well to spray the Simple Prep on the surface.

Wet the surface of the boat with water. Use the scrub brush and the Simple Prep to wash small sections of the boat to remove loose debris and surface dirt. **DO NOT USE SIMPLE PREP TO CLEAN THE ENGINE COMPARTMENT.** Periodically check the brush to make sure grease, etc. does not stick to the brush. If any grease is noticed, clean the brush. Use the white scrub pads with the Simple Prep to remove difficult black streaks. Rinse with plenty of fresh water.

For tougher jobs, we suggest Tuff Prep™.

3. Nyalic Application

For smaller hard-to-reach areas and the engine compartment, begin with aerosol Nyalic.

DO NOT SHAKE THE AEROSOL CAN, or IT WILL CREATE AIR BUBBLES IN THE COATING. However, if you do see any bubbles leave them alone, and they will disappear as the coating dries.

Use Nyalic aerosol to lightly spray Nyalic around difficult to reach areas and on all fittings, fasteners, metal overlaps, leading edges and especially electrical connections. Be sure to coat the engine compartment.

NOTE: The red nozzle tip can be rotated 90 degrees to change the fan pattern from horizontal to vertical to facilitate a more efficient application.

Finish the job by spraying liquid Nyalic.

IMPORTANT: Care should be taken to ensure no contamination from previous paint media or solvents from within the spray equipment or paint lines remain in the system. These contaminants will cause problems with the Nyalic application. If in doubt, we recommend a new inexpensive HVLP sprayer for exclusive use in applying Nyalic. We recommend a thorough cleaning of the spray equipment, both before and after coating, with xylene or acetone. We also advise filters for air lines for both oil contaminants and water.

For optimum results, preheat the surface to be coated to at least room temperature or up to 90°F (32.2°C). Also, warm the Nyalic in the booth or spray area to the same temperature. If coating outside, ensure the surface temperature is above 55°F (12.8°C) but below 120°F (48.9°C).

Nyalic can be sprayed with a variety of spray guns; however, because Nyalic is about as viscous as water, it must be sprayed with a fine finish fluid tip (1.0mm – 1.4mm) with a fan pattern nozzle. Select an air cap that gives the best atomization with this needle size. Nyalic must be applied in thin coats to avoid runs and sags. **DO NOT** use a garden tank pump sprayer to apply Nyalic.

PRO TIP: Inexpensive spray guns are available at most hardware and home improvement stores.

Remember to use ventilation when spraying as Nyalic can fog an enclosed area.

Take your time and lightly apply the Nyalic to ensure no excessive overlapping that may produce runs. If the Nyalic does not appear to flow out evenly and you notice runs, immediately dampen a plain white, lint-free paper towel with Nyalic and lightly wipe through the run. Feathering a second pass will even out any wipe marks. This technique ensures the surface tension is broken and forces Nyalic into the pores of the surface. At this point, don't worry if the Nyalic appears somewhat uneven; the product is self-leveling and will flow out as it dries.

Using a Polyfoam Roller to Apply Nyalic

Pour a small amount of Nyalic into a new shallow paint roller pan. Use a polyfoam sponge roller (no knap rollers) to roll the Nyalic on in a thin light coat, being careful not to create roller edge marks. Work in small sections to avoid creating overlap marks.

Equipment cleanup is simple and easy with xylene or acetone.

4. Drying Process

Allow the Nyalic coat to dry. The Nyalic coating will be dry to the touch in about 30 minutes depending on temperature and humidity. If using a paint booth, allow the surface to dry for one (1) hour before moving the boat, but keep it in a covered area and at room temperature.

After 24 hours you should be able to lightly handle the surfaces if necessary. Let the

unit sit for no less than 48 hours to allow the Nyalic to cure. During cool weather months, Nyalic coated surfaces must remain above 55°F (12.8°C) for 5 days. These parameters must be considered before transporting the boat after the Nyalic application keeping in mind that wind-chill can drastically lower the surface temperature.

To Remove Nyalic

If necessary, Nyalic can be removed by wetting a white paper towel with xylene (purchased at most paint and hardware stores) and wiping firmly. Use caution with xylene; it could affect painted surfaces and decals.

ADDITIONAL CAUTIONS:

The application of Nyalic outside any of the recommended parameters for temperature, humidity and time risks failure of the application.

To avoid streaking, do not allow the cleaners to dry on the surface.

The storage of a Nyalic-coated surface outside any of the recommended parameters for temperature, humidity and time risks failure of the application. If a moisture event is expected (rain, snow, dew), do not put the boat outside before the recommended storage time.

Placing a plastic covering on the boat may cause the coating to stop curing and/or cause the plastic covering to stick to the coating. The surface will then always remain sticky, and the product will have to be removed and reapplied.

Avoid exposing a Nyalic-coated surface to temperatures below 55°F (12.8°C) for at least 24 hours.

After coating, and only if necessary, rinse the boat with fresh water, and do not scrub the surface for the first two weeks of service

6. Nyalic Coating Care - Cautions and Recommendations

Do not wax, polish or buff a Nyalic-coated surface; doing so will dull and damage the coating.

Do not use strong alkali or solvent-based cleaners on a Nyalic-coated surface; they are not needed. Doing so will damage the coating.

It is strongly suggested to avoid the use of recycled water to wash a Nyalic-coated surface, especially if you are not certain the water is free of any chemical solvent contaminants which can dull or damage your Nyalic coating.

We recommend you periodically inspect the coating for scrapes, scratches or fuel spills and repair any damaged area promptly.

To clean a Nyalic-coated surface, we recommend Right Rinse mixed 1 quart with 3 quarts warm water. Wet the surface and then, using a soft bristle brush, lightly

scrub the surface to remove dirt and contaminants. Rinse with plenty of clean water. We do not recommend washing with pressure washers because pressures vary, and it is too easy to get too close with the high-pressure spray and cause damage to the coating.

EXPERT HELP AT YOUR FINGERTIPS



If you have any questions or need help with the application process, we're here for you. Contact Nyalic Technical Support at **706-253-1920**.



To order Right Rinse cleaner and Nyalic aerosols, visit us at **www.nyalic.com**.

5. Nyalic Coating Care – Immediately After Application

Avoid getting the Nyalic coating wet for at least 48 hours.