

# Heavy Duty Rust Remover

Heavy Duty Rust Remover is a gel based cleaner intended for the removal of heavy rust staining, and efflorescence, on concrete, sandstone, unpolished granite, brick, concrete, limestone, marble and brownstone, brick etc.

## Features and Benefits

- Biodegradable
- Short dwell time
- Gel clings to vertical surfaces and aids in clean up
- Brush, roll or spray apply

## Application Procedures

### 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 effective cleaning of the substrate. Additionally, specific job-site consumption rates can be calculated after the test area is completed.

### Equipment and Tools

This product can be applied by brush or roller. Natural bristle brushes work well on most surfaces while 3/4" nap rollers can be used for smooth surfaces such as brick and marble. Other equipment required: masking tape, plastic (polyethylene) sheet, should be used for protecting surfaces not to be treated with Rust Remover.

### Preparation

#### Masking

Cover / protect areas where cleaning is not desired, including adjoining surfaces where over spray may travel. Plastic (polyethylene) sheets make a very effective barrier. Test to see affects on any glass or metals that may come in contact with Rust Remover.

#### Mixing

The product should be mixed using a high-speed drill (above 1500 RPM) until the Rust Remover has become a uniform color and texture. DO NOT DILUTE.

### Application

Apply a thick, even layer of Heavy Duty Rust Remover onto a wet/damp substrate. Use a natural bristle brush to scrub very dirty areas.

### Dwell Time

The time required for the Rust Remover to adequately clean a typical substrate is approximately 5 to 30 minutes. If the rust is extremely thick Rust Remover may be left on the substrate for 4 to 6 hours. If product begins to dry a second layer of product may be applied directly over the existing one. Apply test panels to determine the dwell time prior to full application of product.

DO NOT ALLOW TO DRY ON SUBSTRATE.

## Removal and Cleanup

After allowing the product to dwell, rinse the surface with copious amounts of water (pressure washer). Do not allow run off to dry on other surfaces.

## Safety Requirements

Proper safety procedures should be followed at all times while handling this product. Refer to the Safety Data Sheet for important health/safety information before use. Heavy Duty Rust Remover should only be used for approved applications.

## Limitations

Surface temperatures should be 40° to 95°F (5° to 32°C). The product performs effectively at lower temperatures (even at 40°F, 5°C), but the dwell time increases.

## Packaging and Coverage

Packaging: Approximately 5 gallons

The product is engineered for thick film build up on vertical and overhead surfaces. Minimum wet film thickness should be 5 mils. Always test the substrate to ensure accurate coverage rates. Typical coverage rates on a rough porous surface are between 80 and 120 ft sq. ft. per gallon.

## Storage And Shelf Life

This product must be stored at temperatures above freezing and below 78°F -- and at low humidity. DO NOT ALLOW PRODUCT TO FREEZE. Do not store in direct sunlight. The shelf life of an unopened container is 1 year.

After use, fully seal any unused portion in its original container prior to storage. If the product was previously opened or was stored longer than a year, test in an inconspicuous location for effectiveness.

## Technical Data

Appearance	White foam gel
Specific Gravity	1.33
Boiling Point	100 C
pH	2
VOC content	N/A

**DO NOT ALLOW PRODUCT TO FREEZE!**

## Warning

Not for internal consumption. Keep out of reach of children and animals. Consult Material Safety Data Sheet (MSDS) for specific information.

Notice: The information contained herein is based on our own research and the research of others, and it is provided solely as a service to help users. It is believed to be accurate to the best of our knowledge. However, no guarantee of its accuracy can be made, and it is not intended to serve as the basis for determining this product's suitability in any particular situation. For this reason, purchasers are responsible to make their own tests and assume all risks associated with using this product.

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