

## PRODUCT DATA SHEET

# Oxidation Remover

(Industrial & Architectural Masonry Cleaner)

This water-based cleaner is biodegradable, non-toxic, user friendly and environmentally safe. It is extremely effective in the removal of oxidation on typical concrete and masonry substrates.

### FEATURES AND BENEFITS

- Water Based
- Biodegradable
- Non Flammable
- Contains no TAPs or HAPs (Toxic/Hazardous Air Pollutants)
- Easy clean up with running water
- Low VOCs
- Non-ozone-depleting
- Low odor
- Cost Effective:
- Requires much less chemical to achieve desired results
- Reduces man-hours
- Reduces cost of waste disposal

### 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 the substrate.

#### Equipment and Tools

This product can be applied by a hand spray bottle or a low pressure air driven or low voltage spray pump (>300 psi). Hudson style sprayers are acceptable for small-scale spray applications. The use of a natural bristled brush works well on most surfaces while ¾" nap rollers can be used for smooth surfaces-such as brick and marble. Other equipment required: brushes, masking tape, plastic sheet (can be used for protecting surfaces not to be treated with the Oxidation Remover), empty pails for cleaning up and water.

### PREPARATION

#### Masking:

Cover / protect areas where stripping is not desired, including adjoining surfaces where over spray may travel. Plastic (polyethylene) sheets make a very effective barrier. Plants should be covered or washed thoroughly before and during application.

Cover and protect all metal surfaces adjacent to or near the area being cleaned.

#### Mixing:

If on visual examination, water appears to have separated out of the product, thoroughly mix the cleaner with a drill until it becomes homogeneous once again. DO NOT SHAKE. DO NOT DILUTE.

### APPLICATION

Apply a thick, even layer of cleaner onto the concrete or masonry substrate being cleaned.

### DWELL TIME

The time required for penetration varies according to the type of substrate, level of oxidation, and the temperature. This product works quickly; check by rinsing with water in a few minutes (a spray bottle might be all that's needed on small areas).

### RE-APPLICATION

If there is remaining oxidation on the substrate after an initial rinse, reapply the Oxidation Remover as instructed above.

While the cleaner is dwelling on the substrate, do not allow it to dry out. Sun, windy conditions or insufficient cleaner thickness can cause early drying. If the cleaner starts to dry, reapply a light coating and allow extra time for completion.

### REMOVAL AND CLEANUP

Rinse with water. The substrate surface should be tested for pH neutrality by placing a litmus test paper on the glistening wet surface (Contact Cathedral Stone Products' Laboratory for more information). Continue to rinse with water until the cleaner and the oxidation is removed and when the wall has achieved pH neutrality. When rinsing, always work from the bottom to the top. Any water that runs down the substrate will deactivate the cleaner and will shorten the time the cleaner is allowed to work, therefore never work from the top to the bottom. Collect the rinse water and debris and dispose of in accordance with local government regulations. Do not collect and/or store rinse water, cleaner and waste residue in metal containers. Clean up spray equipment by running water or through the equipment soon after the spraying has been completed.

### SAFETY REQUIREMENTS

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

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### **Limitations**

Surface temperatures should be 40° to 85°F (5° to 30°C). The product performs effectively at lower temperatures (even at 32°F, 0°C), but the dwell time increases.

**If the staining includes oxidized metals, such as copper or brass, Oxidation Remover should not be used.**

### **PACKAGING AND COVERAGE**

Packaging: 5-gallon pails.

The product is engineered for thick film build up on vertical and overhead surfaces. The desirable wet film thickness of cleaner is approximately 1/64th of an inch (0.400 mm). Typically, coverage is approximately 100 sq. ft./ US gallon (2.5 sq. m/L).

### **TECHNICAL DATA**

Appearance	White semi-translucent gel
Specific Gravity	1.2
Boiling Point	99.3°C
Freezing Point	N/A
pH (direct reading)	2.1

### **DO NOT ALLOW PRODUCT TO FREEZE!**

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.