

# SURF – PRO

TIME SAVER SURFACE CLEANER



## TECHNICAL DATA SHEET

Name: **THE RUST PRIMER BUSTER**

Product: Metal preparation before painting.

Code: BO-1332-1/BO-1332-4



MADE IN CANADA



### 1.1 PRODUCT DESCRIPTION:

This product has been specially developed to give to all metals surfaces a better profile before painting, so when applied on a metallic surface, it will evaporate the potentially existing rust (oxidation). So, doing he brings the surface more porous therefore a better adhesiveness. the preparation also has the property of letting on the surface a thin coating of ferric phosphate which prevent the chloride and oxide to harm the surface to avoid eventual rust under the paint. When using the preparation, it is not needed to apply a primer coating saving time and money. Odorless and no toxic vapor, no rinsing needed, and the delay before painting is about 1hr. can vary depending the temperature. (dry to the touch).

**1.2 USES: Inside and outside:** All metallics surfaces, stains ramp, fence, structure, armature, automobiles, boats, etc.....

Painting metallics surfaces with recurrent rust problem

**Can be used:** By its high fluidity as a loosen agent for the rusted bolts, Of light rust remover when sprinkle on a light surface rust.

For highly rusted pieces soaked into a basin.

### 1.3 CHARACTERISTICS:

- Ready to use.
- No odor or toxic vapors.
- Replace the primer coating.
- Eliminate the rust form all metallics surfaces.
- Prevent from renewing of rust under the paint.
- Easy to apply with a paint brush, roller, or pulverize under pressure.
- Covers about 12sq.meter/ 1 liter or 125sq. feet / 1 liter

### 1.4 RESTRICTIONS:

- Not to be applied on galvanised steel, (rusted yes).
- For best result to be apply between 15 Celsius and 30 Celsius, 60 F and 85 F.
- Do not apply on painted surface.

**1.5 GUARANTEE:** The high quality of this product is guarantee Under the descriptions available on this technical data sheet and the labels. the manufacturer guarantee is limited only on the quality of the product and to the refund price of it. this product will give total satisfaction if store and utilised in conformity with the manufacturer directives.

**1.6 GOVERNMENTAL STANDARD:** This standard (31-GP-108 M) applies to one type of inhibited phosphoric acid metal conditioner and rust remover which, when diluted with water will remove rust from metal in the presence of small amounts of grease and oil and provide adhesion for paint or other subsequent preservative treatment.

### TECHNICAL INFORMATION

**2.1 Composition:** Basically, phosphoric acid (H3 PO4) with evaporating cycle, and inhibitor agent

**2.2 Container size:** Plastic container HDPE: 500 ml, 1 liter, 4 liters, 20 liters

**2.3 Appearance:** Colorless and odorless liquid.

**2.4 Storage:** The product must store in a dry place into hermetically closed containers. The storage temperature must be between 10 C and 30 C. The storage area must be well ventilated. Avoid to store with strange chemical base such as bleach water, or chlorine.

### 2.5 Physical and chemical properties:

- |                    |                 |
|--------------------|-----------------|
| • Boiling point    | 100C            |
| • Freezing point   | -40C            |
| • Water solubility | 100%            |
| • Viscosity        | N/A             |
| • Density          | 1.12 kg / liter |
| • Flash Point      | N/A             |
| • PH               | 1.8             |

### APPLICATION PROCEDURES

#### 3.1 SURFACE PREPARATION:

The surface must be clean free of greases or any kind of dirtiness.

#### 3.2 APPLICATION INSTRUCTIONS:

**3.2-1** New metal with light rust, apply the product directly on all the surface, one application must be enough, repeat if necessary until the surface is healthy, let dry and then rinse with water.

**3.2-2** Metal highly rusted (in crust) first get rid of the rust as much as possible with a scrape, a brush, grinder or sand blast, then remove the dust, apply the preparation, let dry and rinse water.

**3.2-3** Rusted painted metal with chipping problem. If a surface does have rust stains first get rid of it by applying the product on it then rinse with water, after proceed to the cleaning.

Same procedure of cleaning as 3.3-2. Important apply the product on the area to be treated not on the paint. If this occur rinse with a wet cloth. A wet cloth of thinner can also be used. Let dry and rinse with water.

**3.2-4** Note that on certain horizontal surface: example, a table work bench, white stains could occur because of a large amount of product. Take care of removing all the excess of the product with a cloth when the treated surface is healthy and free of rust however, if this occur, reapply some preparation on the stains, using a scouring pad make them disappear, them wipe the excess, let dry and rinse with water.

Normal pistol (low pressure)	YES	Roller
Airless pistol (low pressure)	YES	Sprayer
Paint brush	YES	Immersion



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## THE RUST PRIMER BUSTER



### SAFETY MEASURES:

Corrosive and toxic product. Keep well ventilated, keep this container out of reach children.  
Avoid contact with skin and eyes. Do not mix with other product such as bleach water, chlorine.  
Refer to the material safety data sheet or on the label on the container.

### NOTE:

The SURF-PRO RUST PRIMER BUSTER can securely be used without damaging the surface and no rinsing needed. It's high fluidity 10 times more than water permit it to access inaccessible area by the traditional way of cleaning. It is an indispensable tool for a professional durable job.

### JP'S TIPS :

