



# RUSTBLAST

## TDS/DIRECTIONS & APPLICATION INFORMATION



RustBlast is a powerful water-based zinc phosphate powerful metal etch and rust remover. RustBlast effectively dissolves rust, corrosion, metal oxides, and tarnishing from most metal surfaces. RustBlast etches and coats the metal with a light dusting of zinc phosphate creating an ideal surface for primers and paints. RustBlast features technology that allows for streak-free etching of non-ferrous metals like aluminium and brass.

### **RUSTBLAST CAN BE USED ON THE FOLLOWING SURFACES:**

**steel • cast iron • brass • aluminum • galvanized copper • steel alloys including fiberglass and other non-metallic surfaces.**

PROTECTIVE GLOVES AND EYEWEAR SHOULD BE WORN AT ALL TIMES WHEN USING THIS PRODUCT.

### **DIRECTIONS:**

- Surface to be treated should be free of dirt, oil, grease and other contaminants. The cleaner the surface, the more effective RustBlast will work. **NOTE:** RustBlast is more effective when the surface temperature is warmer (within the suggested working temperature).
- Scrape off any loose rust, mill scale, paint, etc. and clean with a WATER-BASED cleaner/degreaser. FOR BEST RESULTS, Use KBS Klean. Avoid any solvent-based cleaners as they can leave an invisible residue.
- **Shake Well** before each use.
- Liberally apply RustBlast **FULL-STRENGTH** to a DRY surface using a spray bottle, brush, roller, or backpack sprayer for larger applications.
- Re-apply often and as needed to keep the surface wet for a minimum of 30 minutes for smooth or lightly rusted surfaces, 40-60 minutes for moderately rusted surfaces and 1-2 hours for heavily rusted or corroded surfaces. **DO NOT** allow surface to dry.
- After treatment, rinse thoroughly with water and then allow surface to **dry completely**.
- For removal of light corrosion or etching of non-ferrous metals (such as aluminium, brass, copper), prepare surface as above and apply RustBlast for 10-20 minutes then rinse thoroughly with water and allow surface to **dry completely**.

**NOTE:** Once dry, RustBlast may leave a slight powder residue which is the zinc phosphate coating. Ideal working temperature 55-80°F (13-27°C).

### **QUESTIONS & ANSWERS**

- 1) Why is there a white powdery substance left over after I rinse off the RustBlast?  
*The slight white powdery residue is Zinc Phosphate and RustBlast leaves this behind because the zinc phosphate aids in adhesion of all coatings such as RustSeal.*
- 2) Can I use RustBlast when applying paints other than KBS RustSeal?  
*Yes. RustBlast works well as a metal prep and etch for most paints.*
- 3) Can I use RustBlast to remove rust from equipment and tools?  
*Yes. Soak the tool or equipment for 30 minutes to 24 hours and rinse it off with water using a scotch brite pad. The warmer, the better. You will be left with rust free tools and equipment.*
- 4) Do I really have to rinse off the RustBlast with water?  
*Yes. It is important to rinse before the RustBlast dries to avoid a heavy layer of Zinc Phosphate.*

**Keep out of reach of children.** RustBlast is a strong eye and skin irritant; in case of eye or sensitive skin contact flush thoroughly with water and seek medical advice. Protective gloves and eyewear should be worn at all times.

Please remember these instructions are general guidelines only and do not cover every application and environment. If you remain unsure as how to proceed, refer to product instruction sheet, our website: **KBS-Coatings.com**, or call for technical advice at **219-263-0073**.

Please follow all warning and caution notices. See SDS for additional information.

## Made in the USA.



Information contained herein is to our knowledge true and accurate, but all recommendations or suggestions are made with out guarantee. Since their application lies outside our control, we cannot accept any liability for the results. User shall determine the suitability of the product for its intended use, and user assumes all risk and liability whatsoever in connection therewith.

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