



RUSTBLAST

TDS / Directions & Application Information



RustBlast is a powerful water-based zinc phosphate metal etch and rust remover. RustBlast dissolves rust, corrosion, metal oxides and tarnish from most metal surfaces, then etches and coats the metal with a light dusting of zinc phosphate, creating an ideal surface for primers and paints. RustBlast also provides streak-free etching of non-ferrous metals like aluminum and brass.

To achieve expert results, please take the time to carefully read and understand the following directions before you begin your restoration project. These directions are meant to be general guidelines only and do not cover every application or environmental situation. If you have remaining questions or concerns, please contact us for technical assistance.

**ALWAYS WEAR PROTECTIVE GLOVES AND SAFETY GLASSES.
ALWAYS WORK IN A WELL-VENTILATED AREA.**

Please heed all warning and caution notices on all KBS products.

SURFACES

RustBlast can be used on **steel, cast iron, brass, aluminum, galvanized, copper and steel alloys**, as well as fiberglass and other non-metallic surfaces.

SURFACE PREPARATION

The surface to be treated should be free of dirt, oil, grease and other contaminants. The cleaner the surface, the more effective RustBlast will work.

Scrape off any loose rust, mill scale or peeling paint, then clean with a water-based cleaner/degreaser. **FOR BEST RESULTS, use KBS Klean.** Avoid solvent-based cleaners, as they can leave an invisible residue.

APPLICATION

Shake well before each use. RustBlast is more effective when the surface is warmer. For best results, apply when the surface and air temperature are between **55°F and 90°F**.

Liberal apply RustBlast **FULL STRENGTH** to a **DRY** surface using a spray bottle, brush, roller, or a backpack sprayer for larger applications. Never dilute it.

Re-apply often and as needed to keep the surface wet for:

Smooth or lightly rusted surfaces	Minimum of 30 minutes
Moderately rusted surfaces	40 to 60 minutes
Heavily rusted or corroded surfaces	1 to 2 hours
Non-ferrous metals (aluminum, brass, copper): light corrosion or etching	10 to 20 minutes

DO NOT allow the surface to dry while RustBlast is working.

RINSING AND DRYING

After treatment, rinse thoroughly with water before RustBlast dries. Rinsing neutralizes the active acid in RustBlast and prevents a heavy layer of zinc phosphate. Then allow the surface to dry completely.

Once dry, RustBlast may leave a slight white powder residue. This is the zinc phosphate coating, and it aids in the adhesion of coatings

such as RustSeal. Items should typically be coated within 7 days of treatment.

QUESTIONS & ANSWERS

Q. Why is there a white powdery substance left over after I rinse off the RustBlast?

A. The slight white powdery residue is zinc phosphate. RustBlast leaves it behind because zinc phosphate aids in the adhesion of coatings such as RustSeal.

Q. Can I use RustBlast when applying paints other than KBS RustSeal?

A. Yes. RustBlast works well as a metal prep and etch for most paints.

Q. Can I use RustBlast to remove rust from equipment and tools?

A. Yes. Soak the tool or equipment for 30 minutes to 24 hours, then rinse it off with water using a Scotch-Brite pad. The warmer, the better. You will be left with rust-free tools and equipment.

Q. Do I really have to rinse off the RustBlast with water?

A. 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 see SDS and follow all warnings and cautions.

Made in the USA.

Information contained herein is to our knowledge true and accurate, but all recommendations or suggestions are made without guarantee. Since the 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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