



## PRODUCT TECHNICAL DATA INFORMATION

PRODUCT NO.: 1018

RUST SHIELD METAL WHITE PRIMER

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### PRODUCT DESCRIPTION

Richard's Rust Shield Metal White Primer is our premium industrial rust preventative metal primer. It is specially formulated to provide excellent long term corrosion protection for ferrous metal surfaces in both general maintenance and some industrial paint applications. Easy to apply, it provides excellent coverage, spreads evenly, resists sagging, has excellent leveling properties, penetrates into surface pores, and has excellent adhesion qualities for a smooth professional finish. It provides excellent durability, is moisture and abrasion resistant.

**FOR INTERIOR & EXTERIOR USES!**

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### SUGGESTED PRODUCT USE

*SUITABLE FOR APPLICATION TO THE FOLLOWING PROPERLY PREPARED SURFACES:*

PIPING & PIPELINES \* TOOLS \* MACHINERY \* FARM EQUIPMENT \* TRASH DUMPSTERS \* STORAGE TANKS  
APPLIANCES \* FERROUS METALS \* STRUCTURAL STEEL \* METAL BUILDINGS \* WROUGHT IRON FENCING

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### PRODUCT FEATURES

EASY TO APPLY \* PRODUCT VERSATILITY \* RUST INHIBITIVE \* CORROSION RESISTANT \* MOISTURE RESISTANT  
ABRASION RESISTANCE \* LEAD FREE \* EXCELLENT COVERAGE \* EXCELLENT ADHESION

### LIMITATIONS

- \* FOR USE ON METAL SUBSTRATES ONLY.
- \* NOT FOR EXPOSURE TO STRONG CHEMICAL ENVIRONMENTS.
- \* NOT FOR IMMERSION SERVICE.
- \* NOT FOR USE ON GALVANIZED OR ZINC COATED SURFACES.
- \* NOT FOR USE WITH 2-PART EPOXY OR 2-PART URETHANE TOP-COATS

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### PRODUCT SPECIFICATION DATA

* COLORS:	White
* FINISH:	Flat
* FLASH POINT:	106° F.
* METHOD USED:	T.C.C.
* COATING V.O.C.:	Not To Exceed 3.33 LB/GAL. - (400 GRAMS/LTR.)
* SOLIDS:	By Volume: 58.56% ± 2% By Weight: 77.17% ± 2%
* RECOMMENDED MIL FILM:	Wet: 4.6 mils - (Estimated at 350 Square Feet Per Gallon). Dry: 2.7 mils - (Estimated at 350 Square Feet Per Gallon).
* ESTIMATED COVERAGE:	Covers approximately 300 - 400 square feet per gallon, depending on the type of application and the porosity of the surface to be painted.
* CLEAN UP:	Mineral Spirits
* ESTIMATED DRY TIME:	Dries to the touch in approximately 2 - 4 hours, for recoat in 6 - 8 hours or after overnight dry, depending on conditions.

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### PRODUCT ANALYSIS DATA

PIGMENT: 57.32%

VEHICLE: 42.68%

*MORE DETAILED PRODUCT ANALYSIS DATA IS AVAILABLE UPON FORMAL REQUEST.*

## SURFACE PREPARATION

**GENERAL:** The entire surface area should be clean, dry, sound and free from all dirt, grease, oils, waxes, mildew and any other surface contaminants. Bare metal surfaces should be solvent cleaned in accordance with **SSPC-SP 1** specifications pertaining to surface preparation for the solvent cleaning of steel and metal surfaces for removing all visible oil, grease, soil, drawing and cutting compounds and other soluble contaminants from the surface. Remove any loose scale, chalked, cracked, peeling paint, loose mil scale and loose rust by hand scraping, sanding, or wire brush cleaning in accordance with **SSPC-SP 2** specifications pertaining to hand tool cleaning, or **SSPC-SP 3** specifications pertaining to power tool cleaning of loose, non-adherent material on metal surfaces as set forth by the *Steel Structures Painting Council*. Repair/replace any damaged and/or delaminated surface areas.

**WARNING!** If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD, or log on to [www.epa.gov/lead](http://www.epa.gov/lead)

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## PRODUCT APPLICATION

**Richard's Rust Shield Metal White Primer** may be easily applied with a quality brush, roller, or airless spray equipment. For best results, it is recommended to apply by brush or roller, to effectively work primer coating into surface pores. If applying with a brush, apply a smooth and generous coat application on/in small surface areas, such as trim, piping, or cutting-in larger surface areas. If applying with a roller, apply an even and generous coat application in a "M" or crisscross motion, avoiding any excessive respreading or reworking. Maintain a wet edge during application by brushing/rolling into previously applied coating areas. If applying by airless spray, it is recommended to use a unit with a minimum of 2000 psi of pressure, with a 0.017 - 0.019 fluid spray tip. During spray application, it is recommended to back-roll the surface area to work primer into surface pores, ensure proper adhesion and an even coat application. Allow primer to dry thoroughly before application of recommended finish coatings. Avoid application outside when weather conditions are threatening, or late in the afternoon when there is a threat of moisture condensing on wet paint. Apply when surface and ambient temperatures are above 55° F and below 90° F.

***Special Note: This Product Is Not Recommended For Use In Areas That Are Highly Corrosive, Or Chemically Contaminated Areas. Not For Use As The Sole Primer-Finish Coating For Long Term Exterior Exposure Of Structural Steel.***

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## PRECAUTIONS

### **CAUTION: COMBUSTIBLE! KEEP OUT OF REACH OF CHILDREN!**

Keep away from heat, sparks and open flames. **INSURE PROPER CROSS-VENTILATION UNTIL COATING HAS DRIED!** Avoid prolonged contact with skin and breathing of vapors and/or spray mists. When spraying this material, use an OSHA approved cartridge respirator. Use chemical safety glasses, goggles, or a face shield for proper eye protection. Wash thoroughly after handling and before eating or smoking. Close container after each use. Rags or material soaked with this product may spontaneously ignite if disposed of improperly. Immerse rags and waste in a sealed water filled metal container. Dry, empty containers may be recycled in a can recycling program. Follow local disposal requirements to dispose or recycle unused product. **DO NOT TAKE INTERNALLY!**

**FIRST AID:** In case of skin contact, wash thoroughly with plenty of warm soapy water. For eye contact, flush with plenty of water for 15 minutes, **SEEK IMMEDIATE MEDICAL ATTENTION!** If affected by inhalation, move immediately to fresh air.

**If Swallowed Do Not Induce Vomiting, SEEK IMMEDIATE MEDICAL ATTENTION!**

**NOTICE:** Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating the contents herein may be harmful or fatal.

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## MIXING INSTRUCTIONS & PACKAGING

Stir thoroughly and apply as it comes from the container. **No Thinning Is Necessary!**

\* Pint Cans: N/A

\* Quart Cans: 6 Per Case

\* Gallon Cans: 4 Per Case

\* Two Gallon Cans: N/A

\* Five Gallon Cans: Each

\* Weight Per Gallon: 12.68 lbs.

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