



PRODUCT TECHNICAL DATA INFORMATION

PRODUCT NO.: 1620

RUST SHIELD 15 MINUTE QUICK DRY
RUST INHIBITING WHITE METAL PRIMER

PRODUCT DESCRIPTION

Richard's Rust Shield 15 Minute Q.D. Rust Inhibiting White Metal Primer is a specially formulated rust preventative metal primer designed for application to both ferrous and non-ferrous metal surfaces. Its corrosion resistant formula promotes long term corrosion protection during project fabrication, storage, construction and erection phases, resulting in longer coating life, and its fast dry properties allow for quicker handling of in-shop or field applications, thus eliminating additional project down time. Easy to apply, it provides excellent coverage, spreads easily, excellent adhesion, penetrates surface pores, and offers excellent product versatility for use under a variety of hot solvent finish coatings, such as solvent epoxies.

FOR INTERIOR & EXTERIOR USE! FOR USE ON METAL SUBSTRATES ONLY!

SUGGESTED PRODUCT USE

SUITABLE FOR APPLICATION TO THE FOLLOWING PROPERLY PREPARED SURFACES:

ALUMINUM * GALVANIZED METAL * STRUCTURAL STEEL * TANKS & DRUMS * EQUIPMENT
METAL TRIM RAILINGS * MACHINERY * PIPELINE IDENTIFICATION

PRODUCT FEATURES

FAST DRY * CHEMICAL RESISTANCE * ALKALI RESISTANT * SUPERIOR COVERAGE
PRODUCT VERSATILITY * CONTAINS NO LEAD PIGMENTS

PRODUCT SPECIFICATION DATA

* COLORS:	Gray
* FINISH:	Flat
* FLASH POINT:	107° F.
* METHOD USED:	T.C.C.
* COATING V.O.C.:	3.76 LB/GAL. - (450 GRAMS/LTR.)
* SOLIDS:	By Volume: 46.33% ± 2% By Weight: 66.56% ± 2%
* RECOMMENDED MIL FILM:	Wet: 4.6 mils - (Estimated at 350 Square Feet Per Gallon). Dry: 2.1 mils - (Estimated at 350 Square Feet Per Gallon).
* ESTIMATED COVERAGE:	Covers approximately 300 - 400 square feet per gallon, depending on type of application and the porosity of the surface area to be painted.
* CLEAN UP:	Mineral Spirits
* THINNING:	Do Not Thin
* ESTIMATED DRY TIME:	Dries to touch in approximately 15 - 20 minutes, for recoat in 1 hour, depending on conditions.

PRODUCT ANALYSIS DATA

PIGMENT: 47.16%

VEHICLE: 52.84%

MORE DETAILED PRODUCT ANALYSIS DATA IS AVAILABLE UPON FORMAL REQUEST.

SURFACE PREPARATION

GENERAL: The entire surface area to be should be clean, dry, sound and free from all dirt, grease, oils, waxes, mildew , loose scale, mil scale, loose rust, rust deposits, cracked and peeling, as well as any other surface contaminants. Remove any loose scale, chalked, cracked and peeling paint from previously painted substrates by hand scraping, sanding, wire brushing and/or power tool cleaning. Metal substrates that exhibit signs of mil scale, loose rust or rust deposits should be cleaned in accordance with **SSPC** specifications pertaining to the proper surface preparation for metal surfaces, as set forth by the **Steel Structures Painting Council**. Lightly sand smooth all rough paint edges to adjacent surface area and lightly sand all glossy surface areas to a dull finish so to enhance proper adhesion. Repair/replace any damaged and/or delaminated surface areas.

Mildew - Surface areas affected by mildew should be washed with a commercial mildew removal product carefully following manufacturer's application and safety directions. Rinse thoroughly with clean water, and allow a minimum of 24 hours to dry thoroughly.

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

PRODUCT APPLICATION

Richard's Rust Shield 15 Minute Q.D. Rust Inhibitive Metal Primer may be applied with a quality brush, roller, or airless spray equipment. If applying with a brush, apply a smooth and generous coat application on/in small surface areas such as piping, doors and trim. If applying with a roller, apply an even and generous coat application in an "M" or crisscross motion, avoiding any excessive respreading or reworking. Always maintain a wet edge by brushing, rolling or spraying into previously applied coating area. If applying by airless spray equipment, it is recommended to use a unit with a minimum of 2000 psi of pressure with a 0.017 - 0.019 fluid spray tip. Avoid paint application outside when weather is 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. **KEEP FROM FREEZING!**

PRECAUTIONS

CAUTION: FLAMMABLE! CONTAINS VM&P NAPHTHA! KEEP OUT OF REACH OF CHILDREN! Keep away from heat, sparks and open flames. **INSURE PROPER CROSS-VENTILATION UNTIL COATING HAS DRIED!** Turn off main gas valve until after coating has dried, then have pilot lights relighted by a responsible person. Where ventilation is inadequate, use a suitable respirator. 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.

DO NOT TAKE INTERNALLY! USE COMPLETELY OR DISPOSE OF PROPERLY. Dry, empty containers may be recycled in a can recycling program. Follow local disposal requirements to dispose or recycle unused product.

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 and inhaling the content herein may be harmful or fatal.

MIXING INSTRUCTIONS & PACKAGING

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

* **Pint Cans:** N/A

* **Quart Cans:** N/A

* **Gallon Cans:** 4 Per Case

* **Two Gallon Cans:** N/A

* **Five Gallon Cans:** N/A

* **Weight Per Gallon:** 10.72 lbs.

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