



PRODUCT TECHNICAL DATA INFORMATION

PRODUCT NO.: 1030

RUST SHIELD HIGH HEAT PREMIUM RUST PREVENTATIVE COATING

PRODUCT DESCRIPTION

Richard's Rust Shield High Heat Coating is an interior and exterior high temperature resistant coating. This formulation, based on special resins and thermally stable pigments are formulated specifically to be a rust preventative coating that will protect metal surfaces operating at temperatures up to 1000°F. Richard's High Heat coating provides outstanding adhesion, film integrity, color stability and thermal shock resistance throughout this entire temperature range.

SUGGESTED PRODUCT USE

SUITABLE FOR APPLICATION TO THE FOLLOWING PROPERLY PREPARED METAL SURFACES:

PIPING * MACHINERY * FARM EQUIPMENT * FERROUS METALS * NON-FERROUS METAL

PRODUCT FEATURES

**RUST INHIBITIVE * THERMAL SHOCK RESISTANCE * DURABLE FINISH
CONTAINS NO LEAD PIGMENTS * OPERATING TEMPERATURES OF UP TO 1000°F**

PRODUCT SPECIFICATION DATA

* COLOR:	Black
* FINISH:	Matte
* FLASH POINT:	107° F.
* METHOD USED:	T.C.C.
* COATING V.O.C.:	Not To Exceed 3.33 LB/GAL. - (400 GRAMS/LTR.)
* SOLIDS:	By Volume: 54.59% ± 2% By Weight: 71.52% ± 2%
* RECOMMENDED MIL FILM:	Wet: 5.3 mils - (Estimated at 300 Square Feet Per Gallon). Dry: 2.9 mils - (Estimated at 300 Square Feet Per Gallon).
* ESTIMATED COVERAGE:	Covers approximately 300 - 400 square feet per gallon, depending on the type of application and porosity of the surface to be painted.
* CLEAN UP:	Mineral Sprits
* THINNING:	Do Not Thin
* ESTIMATED DRY TIME:	Dries to the touch in approximately 2 - 4 hours, for handling in 6 - 8 hours, re-coat after 8 hours or overnight, depending on conditions.

PRODUCT ANALYSIS DATA

PIGMENT: 47.56%

VEHICLE: 52.44%

MORE DETAILED PRODUCT ANALYSIS IS AVAILABLE UPON FORMAL REQUEST.

SURFACE PREPARATION

GENERAL: The entire surface area to be painted should be clean, dry, sound, and free from all dirt, grease, oils, waxes, mildew, mil scale, rust deposits and any other surface contaminants. Surface areas affected by mildew should be washed with a commercial mildew removal product carefully following manufacturer's application and safety directions. Remove any loose scale, chalked, cracked or peeling paint from previously painted surfaces by hand scraping, sanding, wire brushing and/or power tool cleaning.

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

PRODUCT APPLICATION: Only use when temperature is above 55°F (12°C) and humidity is below 85%, to ensure proper drying. This coating does not require a primer. Do not use on metal directly exposed to flames or in direct contact with food. Dries to the touch in 2-4 hours, to handle in 6-10 hours, and is fully dry in 24 hours at 70°F (21°C) – 50% relative humidity. Allow paint to dry 24 hours before heating. The first time heating open windows, as the new paint finish may emit smoke and a harmless odor. Stir thoroughly before and during application. Assure color uniformity by intermixing multiple containers of this product. For best results apply 2 finish coats. Apply generously by quality brush or roller covering approximately 300 – 400 square feet per gallon on smooth surfaces. With a brush, apply to smaller surface areas, such as trim or cutting-in walls. Avoid exterior paint application when weather conditions are threatening, and late in the day when there is a threat of moisture condensing on wet paint. When applying 2 finish coats, allow 6-8 hours or overnight to dry between coats. Clean up any minor spills or spatters with mineral spirits, as well as all painting tools. More serious spills should be contained and removed with inert absorbent material. Dispose of contaminated absorbent, container and unused contents in accordance with local state and federal regulations. If necessary, paint may be thinned with Mineral Spirits.

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.

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:** 11.12 lbs.

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