



PRODUCT TECHNICAL DATA INFORMATION

PRODUCT NO.: 1120

INDUSTRIAL COATINGS UNIVERSAL PRIMER

PRODUCT DESCRIPTION

Richard's Industrial Coatings Universal Primer is a high performance primer formulated for application to metal substrates only. Its special formulation allows for the application of a variety of finish coatings ranging from basic latex-base coatings to more industrial type coatings such as, two component epoxies and most oleoresinous coating systems. This rust preventative coating provides excellent corrosion resistance, alkali resistance and chemical resistance. It is easy to apply, may be applied to slightly rusted surfaces and offers excellent one coat coverage. **Contains No Lead Pigments! FOR INTERIOR & EXTERIOR USE!**

SUGGESTED PRODUCT USES

SUITABLE FOR APPLICATION TO THE FOLLOWING PROPERLY PREPARED SUBSTRATES:

STAINLESS STEEL * GALVANIZED STEEL * GALVANIZED IRON * STRUCTURAL STEEL * IRON * MACHINERY
ALUMINUM * STEEL TANKS * EQUIPMENT

PRODUCT FEATURES

SUPERIOR ADHESION * PRODUCT VERSATILITY * RUST PREVENTATIVE * MOISTURE RESISTANCE * SUPERIOR COVERAGE
CHEMICAL RESISTANT * ALKALI RESISTANT * APPLIES EASILY * CONTAINS NO LEAD PIGMENTS

PRODUCT SPECIFICATION DATA

* COLORS:	White
* FINISH:	Flat
* FLASH POINT:	107 Deg. F.
* METHOD USED:	T.C.C.
* COATING V.O.C.:	Not To Exceed: 4.17 LB/GAL. - (500 GRAMS/LTR.)
* SOLIDS:	By Volume: 42.53% ± 2% By Weight: 64.24% ± 2%
* RECOMMENDED MIL FILM:	Wet: 4.6 mils - (Estimated at 350 Square Feet Per Gallon). Dry: 1.9 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 area.
* CLEAN UP:	Xylene
* THINNER:	Do Not Thin
* ESTIMATED DRY TIME:	Dries to touch in approximately 30 min. to 1 hour. Allow 6 - 8 hours, or overnight dry before applying finish coat of conventional type paint coatings. Allow 16 - 24 hours before applying more industrial types coatings, such as two component epoxies and aliphatic urethanes, depending on overall drying conditions.

PRODUCT ANALYSIS DATA

PIGMENT: 47.41%

VEHICLE: 52.59%

MORE DETAILED PRODUCT ANALYSIS DATA 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 and any other surface contaminants that may cause paint failure. Remove any loose scale, chalked, cracked and peeling paint from previously painted surfaces by hand scraping, sanding, wire brushing and/or power tool cleaning. Repair/replace any damaged and/or delaminated surface areas. All metal substrates, painted or new, should be properly prepared in accordance with **SSPC** specifications for the surface preparation of metal surface as set forth by the **Steel Structures Painting Council**. Lightly sand smooth all rough paint edges to adjacent surface area. All glossy surfaces should be lightly sanded to effectively dull existing sheen levels. Prime all bare and/or NEW 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.

PRODUCT APPLICATION

Richard's Industrial Coatings Universal Primer may be easily applied with a quality brush, HVLP or airless spray equipment. For best results, it is recommended to apply primer with a brush and/or roller to effectively work primer into surface pores. If applying with a brush, apply a smooth and generous coat application on smaller surface areas, such as trim work, piping, or cutting-in larger surface areas. If applying with a roller cover, apply an even and generous coat application in an "M" or crisscross motion, avoiding excessive respreading and reworking. Always maintain a wet edge during paint application by brushing/rolling into previously applied coating area. If applying with airless spray equipment, it is recommended to use a unit with a minimum of 2000 psi of pressure with a 0.013 - 0.017 fluid spray tip. During spray application, it is recommended to back-roll/brush the surface area to effectively work primer into surface pores, insure proper adhesion and an even coat application. Avoid paint 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.

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 product thoroughly and apply as it comes from the container. **Thinning Is Not Necessary!** However, if thinning is required, you may **Xylene**.

* **Pint Cans:** N/A

* **Quart Cans:** N/A

* **One Gallon Cans:** 4 Per Case

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

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

* **Weight Per Gallon:** 11.66 lbs.

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