



**RUS-KIL®**  
**Rust Inhibiting Enamel**  
**10-series**

Alkyd

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**PRODUCT DESCRIPTION**

An alkyd resin high gloss rust inhibiting enamel. Lead and chromate free.

**TYPICAL USES**

For industrial, commercial and residential use on ferrous metal surfaces, including properly primed galvanized steel. For machinery, piping, structural steel, marine vessels, storage tank exteriors and plant equipment. An excellent finish for properly prepared wood or masonry surfaces.

**PRODUCT ADVANTAGES**

RUS-KIL® Rust Inhibiting Coatings are industrial grade, general purpose enamels designed to protect against corrosion in exposures including mild industrial and marine environments. Excellent adhesion to properly prepared ferrous metal surfaces. Contains very effective non-toxic, non-chromate anticorrosive pigments to inhibit corrosion. RUS-KIL® Enamels are tough, weather resistant and heat resistant up to 300°F. A durable gloss finish with excellent color retention. RUS-KIL® is lead and chromate free.

**COLORS**

Available in 20 standard colors as shown on color card and a wide range of colors produced from tint bases using the Color Studio System. Refer to Color Studio System for color selection.

**GLOSS**

High Gloss

**PHYSICAL CONSTANTS**

Nonvolatile -	By weight - 61.4 ± 1.0% Average*
	By volume - 48.0 ± 1.0% Average*
VOC (Calculated) -	3.35 lbs./gal.
	400 grams/liter
Flash Point -	>101°F (Setaflash)
Weight per gallon -	8.69 ± 0.2 lbs. Average*
	*Varies with color.

**APPLICATION**

Recommended Film Thickness per Coat - 2.0 mils dry, 4.1 mils wet  
 Theoretical Coverage @ 2.0 mils dry - 385 sq. ft./gal.  
 Method - Brush, roll, conventional and airless spray  
 Thinner - Thinning is not recommended.  
 Dry time @ 75°F -

To touch -	2 hour
To handle -	4 hours
To recoat -	24 hours

**SHIPPING & STORAGE**

Consists of -	1 Gallon Unit	5 Gallon Unit
Unit Shipping Weight	10 lbs.	46 lbs.

Shelf Life - 24 months minimum from date of manufacture when maintained in protected storage @ 40-100°F (subject to reinspection thereafter).

## APPLICATION INSTRUCTIONS

Consult your Mobile Paint Representative for the protective coating system best suited for your requirements.

**Limitations:** Apply in good weather when air and surface temperature are above 35°F and surface temperature is at least 5°F above the dew point. For optimum application properties, material should be between 70° to 100°F prior to mixing and application. Maintain unmixed material in closed containers in protected storage at 40 - 100°F.

**Surface Preparation** - Good surface preparation is essential to a satisfactory coating system. Surfaces to be coated should be clean and dry. Remove all oil grease, mildew or other contamination by solvent or detergent cleaning or other effective means.

**New or Unfinished Surfaces** - Wood: Remove sap with mineral spirits. Sand smooth. For exterior wood, RUS-KIL® is its' own best primer. Interior wood maybe primed with RUS-KIL® or COVENTRY® Wood Sealer, 19-8. Ferrous Metal: Remove rust by "Hand or Power Tool Cleaning" (SSPC-SP2 or -SP3). Prime with RUS-KIL® Primer 10-series. Galvanized Metal: Not Recommended. Masonry: Must be fully cured, dry and clean. Allow a minimum of 30 days cure time before coating. If surface is chalky, power wash to remove all chalk. If surface is sound without chalk, prime with WEATHER-TITE™ 100% Acrylic Latex Universal Primer, 6-6. Aluminum: Clean and etch with phosphoric acid based cleaning solution. Rinse well and allow to dry. Prime with RUS-KIL® Primer 10-series.

**Previously Finished Surfaces:** Repair all damaged areas. Remove gloss from previous paint by sanding or "Brush Blasting" (SSPC-SP7) Remove rust, corrosion products, heavy chalk and loose or peeling paint by "Hand or Power Tool Cleaning" (SSPC-SP2 or -SP3). Spot prime any bare areas as in new work above. If doubt exists concerning compatibility of this coating with the previous system, apply coating to a representative area (25 square feet minimum) and allow to cure and age several weeks. Then inspect for adhesion failure, wrinkling, lifting, blistering or any other sign of incompatibility. If there are no signs, coating work can proceed.

**Tinting** - COLOR STUDIO Tint Bases provide hundreds of color possibilities and should be used only after the addition of the proper amount of COLOR STUDIO colorant. These Tint Bases may be short filled to allow for the addition of colorant. Actual coverage will depend on the amount of colorant added and should be taken into consideration when ordering. Some colors may require more than one coat for complete hiding.

Mixing: This is a one component coating. Always mix thoroughly with a power agitator before application.

**Thinning:** This product is supplied at the proper application viscosity. Thinning is not recommended. See cleanup paragraph for cleanup thinner.

**Application:** Apply by brush, roller or conventional or airless spray. Roller application may require special care to prevent bubbling and more than one coat to obtain proper film thickness. Apply at 4.1 mils wet film thickness which will yield 2.0 mils dry film thickness.

**Equipment:** Brush - Use a good quality bristle brush. Roller - All purpose, good quality roller with 3/8" nap maximum. Conventional spray - For suction feed, use DeVilbiss MBC gun with E tip and needle and 30 air cap or equivalent at 40-45 psi atomizing pressure. For pressure feed, use DeVilbiss MBC gun with E tip and needle and 704 air cap or equivalent at 40-45 psi atomizing pressure and 5-8 psi fluid pressure, 3/8" ID material hose, double regulated pressure tank with oil and moisture separator. Airless Spray - Minimum of 28:1 ratio pump, .011" - .013" tip, 1/4" ID material hose.

**Cleanup:** Clean all equipment immediately after use with MoPaxOl® 75-1 or mineral spirits. Completely flush all spray equipment with either of these solvents. Occasional flushing of spray equipment during the course of the working day helps prevent buildup and possible clogging.

**Safety:** Safe storage, handling and use dictate that adequate health and safety precautions be observed with this product and any recommended thinners. User is specifically directed to consult the current Material Safety Data Sheet for this product as well as precautions contained on product labeling.

**Notice:** The technical data contained herein are true and accurate to the best of our knowledge. All products are offered and sold subject to Mobile Paint Manufacturing Company's Standard Conditions of Sale. Published technical data and instructions are subject to change without prior notice.

10-Line(5/08)

## LIMITED WARRANTY

The successful performance of this product is highly dependent on many factors beyond our control. Results are highly dependent upon the skill of the operator. This product is manufactured to meet the highest level of consistency and quality for the intended use. Mobile Paint warrants that its products meet the specifications which it sets for them. Should this product be proven to be off-specification within one year from date of shipment, Mobile Paint will, at its sole discretion, either replace the product or issue credit for the original purchase price of the product. The replacement or refund shall be the buyer's sole remedy and Mobile Paint and its affiliates **MAKE NO OTHER WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, INCLUDING MERCHANTABILITY, DESIGN COMPATIBILITY AND FITNESS FOR A PARTICULAR PURPOSE. LABOR OR COST OF LABOR AND OTHER INCIDENTAL AND/OR CONSEQUENTIAL DAMAGES ARE SPECIFICALLY EXCLUDED.** The technical data contained herein are true and accurate to the best of our knowledge. Published technical data and instructions are subject to change without prior notice.