



PRODUCT DATA SHEET

PROD. 4000 SERIES

PREMIUM INTERIOR/EXTERIOR ALKYD SEMI-GLOSS ENAMEL



PRODUCT DESCRIPTION

Richard's Premium Int./Ext. Alkyd Semi-Gloss Enamel is a premium quality alkyd enamel coating specially formulated with superior alkyd resins that provide superior toughness and durability. It has excellent leveling qualities, resists sagging, and provides excellent coverage. It is abrasion and mar resistant, resists water spots and is mildew resistant. For use on metal surfaces only, it is rust preventative, easy to apply, and has excellent product versatility for application to both interior and exterior metal surfaces.

PRODUCT FEATURES	PRODUCT USES	PERFORMANCE QUALITIES
<ul style="list-style-type: none"> Excellent Coverage Excellent Durability Abrasion & Mar Resistant Excellent Leveling Qualities Resists Sagging Rust Preventative Mildew Resistant Product Versatility Easy To Apply 	<p>Suitable for, but not limited to the following properly prepared surfaces;</p> <p>INTERIOR/EXTERIOR</p> <ul style="list-style-type: none"> Doors Trim Appliances Piping Tools Equipment Machinery Furniture Ferrous Metal Non-Ferrous Metal Aluminum Galvanized Metal <p>NOTE: For Use On Metal Surfaces Only Great For Both Interior & Exterior Use</p>	<p>Product Quality: Premium/Best</p> <p>Product Use: Interior/Exterior</p> <p>Application: Brush, Roller, & Airless Spray</p> <p>Product System: Solvent-Based</p> <p>Sheen: Semi-Gloss</p> <p>MPI Standards: No</p> <p>VOC Compliance: EPA AIM, LADCO, OTC Phase I</p>

SURFACE PREPARATION

GENERAL: The entire surface area to be painted should be clean, dry, sound, and free from dirt, grease, oils, waxes, mildew and any other surface contaminants that may adversely affect the performance of this coating material.

- PREVIOUSLY PAINTED SURFACES:** Remove any loose, scaling, cracked or peeling paint from previously painted surfaces by hand scraping, sanding, wire brushing or by power tool cleaning methods, such as electric sanders or grinders, etc. Sand all rough paint edges smooth to adjacent surface area. Sand all glossy surfaces to dull existing finish. Spot prime all bare surface areas with same primer material and allow to thoroughly dry before applying finish coatings.
- SURFACE REPAIRS:** Repair/replace any damaged and/or delaminated surface areas with the proper recommended patching and/or building materials. Allow patching materials to dry thoroughly before application of paint coatings
- METAL SURFACES:** For metal surfaces, remove any loose rust, mill scale, rust deposits or white rust from metal surface in accordance with SSPC-SP 2 – Hand Tool Cleaning specifications, or by power tool cleaning methods, such as electric sanders or grinders according to SSPC-SP 3 – Power Tool Cleaning specifications, as set forth by The Society for Protective Coatings. Previously painted surfaces, whereby the existing paint show signs of serious deterioration should be completely removed in accordance with SSPC-SP 6 – Commercial Blast Cleaning, or SSPC-SP 10 – Near White Blast Cleaning specifications.
- MILDEW:** Surface areas affected by mildew should be treated with a commercial mildew removal and/or wash 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 wet mop. Before you start, find out how you can protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-Lead, or log onto www.epa.gov/lead.

TECHNICAL DATA

- COLORS:** Available in 5 Stock Colors
4000.0 White 4000.1 Tint Base
4000.2 Deep Base 4000.3 Accent Base
- TINTING:** Universal Colorants
- VEHICLE TYPE:** Alkyd
- VISCOSITY:** 92 KU \pm 2
- GLOSS @ 60°:** Semi-Gloss / 68 units \pm 2
- FLASH POINT:** 103° F
- COATING VOC:** Not to Exceed 400 g/l – 3.36 lbs./gal
(Meets EPA AIM, LADCO & OTC Phase I Standards)
- SOLIDS BY VOLUME:** 51.43% \pm 2%
- SOLIDS BY WEIGHT:** 68.78% \pm 2%
- ESTIMATED COVERAGE:** 300 – 400 SFPG
(Coverage will vary significantly depending on application method, surface porosity and condition of the surface.)
- RECOMMENDED MIL FILM:** (Estimated @ 350 SFPG)
Wet: 4.6 mils Dry: 2.4 mils
- DRY TIME:** (@ 70° F & 50% Relative Humidity)
To Touch: 3 – 4 hrs. | Recoat: 6 – 8 hrs. or Overnight.
(Actual dry time may vary according to relative humidity, temperature, color, applied film build and air movement.)
- DRIES BY:** Oxidation / Solvent Evaporation
- CLEAN UP:** Mineral Spirits
- THINNING:** Mineral Spirits
- WEIGHT/GAL:** 10.36 lbs.
- SHELF LIFE:** 2 - 3 years on average unopened.
- PACKAGING:** Qts. – 6/cs. | Gal. – 4/cs.

RECOMMENDED PRIMER COATINGS

Although formulated to be self-priming on sound and properly prepared painted surfaces, the following Richard's primers are recommended for use on new or bare substrates;

Ferrous or Non-Ferrous:

- 1000.121 - Rust Shield Red Oxide Rust Inhibitive Metal Primer
- 1000.101 - Rust Shield Rust Inhibitive White Metal Primer
- 1120.101 - Industrial Coatings White Universal Primer

Galvanized or Zinc Coated Metal:

- 26.101 - HOLZOUT 100% Acrylic Primer/Sealer Stain Killer
- 1200.111 - EXCEL 100% Acrylic DTM Gray Metal Primer
- 1200.101 - EXCEL 100% Acrylic DTM White Metal Primer

Previously Painted Surfaces:

- Self-Priming

APPLICATION EQUIPMENT

Brush Application: Apply using quality nylon, polyester or combination nylon/polyester, or a quality natural china bristle brush.

Roller Application: Apply using a $\frac{3}{8}$ " - $1\frac{1}{4}$ " nap synthetic, lamb's wool or mohair roller cover, depending on texture or surface porosity.

Spray Application:

- **Pump:** Gas or Electric Airless Sprayer
- **Pressure:** Minimum 1500 – 2000 PSI
- **Tip:** 0.013 – 0.015 Reversible
- **Hose:** $\frac{1}{4}$ inch (6.3 mm) - $\frac{3}{8}$ inch (10 mm)

CLEAN UP & THINNING INSTRUCTIONS

Clean Up: Clean up any minor spills and spatters immediately with **Mineral Spirits**, as well as all painting tools and airless equipment. More serious paint 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.

Thinning: Stir thoroughly and apply as it comes from the container. Thinning is not necessary. However, if thinning is required, you may add **Mineral Spirits**.

PRODUCT APPLICATION – General

Richard's Premium Int./Ext. Alkyd Semi-Gloss Enamel may be easily applied with a quality brush, roller, or spray equipment as follows;

- Stir thoroughly in a spiral up and down motion before and during application to keep product completely mixed.
- For best results, it is recommended to apply two finish coats.
- To assure color uniformity always intermix multiple containers of custom tinted and stock colors. Apply a small test sample to verify color.
- Always paint to a natural break in the surface, such as a corner or edge.

Brush Applications: When applying by brush, use a quality natural bristle brush and apply a smooth and generous coat on smaller surface areas, such as cutting-in larger surfaces and painting trim.

Roller Application: When applying by roller cover, use a quality smooth, medium or rough nap roller, depending on surface porosity, and apply an even and generous coat in a "W" or crisscross motion, avoiding any excessive respreading or reworking.

Spray Application: When applying by airless spray equipment, use a unit with a minimum of 2000 psi of pressure, with a 0.013 – 0.015 spray tip.

- Rough or textured surfaces coated using spray equipment should be back-rolled to ensure a uniform film, even coverage and proper adhesion.
- Maintain a wet edge during application by brushing, rolling or spraying into previously applied coating area.
- Apply when surface and ambient temperatures are above 55° F and below 90° F.
- 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.

PRODUCT LIMITATIONS

- Not for use in corrosive or chemical environments.
- Not for use in areas subject to intense heat.
- Not for use on below grade substrates.

PRECAUTIONARY & SAFETY INFORMATION

CAUTIONS: COMBUSTIBLE! Keep away from heat, sparks and open flames. **INSURE PROPER CROSS-VENTILATION UNTIL COATING HAS DRIED!** Where ventilation is inadequate, use a suitable respirator. Turn off main gas valve until after coating has dried, then have pilot lights re-lighted by a responsible person. 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!**

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 and get medical attention immediately. If you experience difficulty breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical attention immediately. If swallowed, do not induce vomiting, get medical attention immediately.

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 contents herein may be harmful or fatal.

KEEP OUT OF REACH OF CHILDREN!

LIMITED WARRANTY

Richard's Paint warrants our products to meet the application, appearance and performance properties stated on the label. This Limited Warranty shall not apply to any defect or damage resulting from improper surface preparation, structural defects, failure of a previous paint or improper application of the coating, as described in the directions on the label of this container. If this product is found not to perform as specified, Richard's Paint will, at its option and upon presentation of proof-of-purchase (the original receipt), either furnish an equivalent amount of new product or refund the original purchase price of this product to you. **ALL OTHER WARRANTIES ARE EXCLUDED BY RICHARD'S PAINT, EXPRESSED OR IMPLIED, STATUTORY, BY OPERATION OF LAW OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.**

LIMITATIONS

Seller's liability for any reason is expressly limited to reimbursement of the purchase price of the materials sold after proof of purchase is provided to the seller. **THIS WARRANTY EXCLUDES (1) LABOR AND COSTS ASSOCIATED WITH LABOR FOR THE APPLICATION OR REMOVAL OF ANY PRODUCT, AND (2) ANY INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OR RESULTING FOR ANY REASON UNDER THE SALE, HANDLING, OR USE OF GOODS SOLD.** Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights and you may also have other rights, which vary from state to state. This Limited Warranty may not be transferred or assigned.