

# PRODUCT DATA SHEET PROD. #700 SERIES SIGNATURE SERIES ALKYD SEMI-GLOSS ENAMEL



#### PRODUCT DESCRIPTION

Signature Series Alkyd Semi-Gloss Enamel is our finest quality alkyd semi-gloss enamel coating formulated for application to a variety of interior metal surfaces. It provides excellent coverage, offers exceptional leveling properties for a smooth finish, provides excellent durability and performance, and is easy to apply. Its rich semi-gloss finish offers excellent resistance to abrasion, chemical resistance, resists sagging, resists yellowing, is an excellent rust preventative coating, and offers excellent product versatility. RUST PREVENTATIVE! FOR INTERIOR USE ONLY!

| PRODUCT FEATURES  | PRODUCT USES  | PERFORMANCE QUALITIES   |  |
|---|---|---|--|
| Rich Semi-Gloss Finish Excellent Coverage Excellent Durability Abrasion Resistance Chemical Resistant Rust Preventative Product Versatility Easy To Apply | Suitable for application to the following properly prepared surfaces; INTERIOR METAL Doors, Furniture, Cabinets, Shelving, Appliances, Piping, Machinery, Aluminum, Galvanized Metal, Ferrous Metal, Etc. | Product Quality: Product Use: Application Methods: Product System: Sheen: VOC Compliance: Federal Standards: MPI Standards: | Premium / Best Interior Only Brush, Roller Cover, Airless Spray Solvent-Based Semi-Gloss AIM, OTC TT-E-508C, TT-E-001793 Class A N/A |

## SURFACE PREPARATION

<u>General:</u> 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.

- 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.
- For metal surfaces, remove any loose rust, mill scale, rust deposits or white rust from metal surface by the same methods as described above.
- Repair/replace any damaged and/or delaminated surface areas with the proper patching and/or building materials. Allow all patching materials to dry thoroughly before application of paint coatings.
- Sand all rough paint edges smooth to adjacent surface area. Sand all glossy surfaces effectively to dull existing finish.
- Prime or spot prime all bare and/or new surface areas with Manufacturer's properly specified primer/sealer compatible to the surface type and before application of finish coating.

**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.

## PRODUCT ANALYSIS DATA

<u>PIGMENT: 35.62%</u> <u>VEHICLE: 64.38%</u>

More Detailed Product Analysis Data Is Available Upon Request.

# **TECHNICAL DATA**

· COLORS: White & Tint Bases

700 White 701 Tint Base 702 Deep Base 703-A Accent Base

· TINTING: Universal Colorants

VEHICLE TYPE: Alkyd

VISCOSITY: 82 KU ± 2

· FINISH: Semi-Gloss

FLASH POINT: 107° F

 VOC: Not to Exceed 400 g/l – 3.36 lb/gal (Meets AIM & OTC Standards)

SOLIDS: By Volume: 50.08% ± 2%
 By Weight: 67.98% ± 2%

• COVERAGE: 300 – 400 Sq. Ft. / Gal. (Depending on Application & Surface Porosity.)

MIL FILM: Estimated @ 350 Sq. Ft. / Gal.
 Wet: 4.6 mils
 Dry: 2.3 mils

DRY TIME: (@ 70° F & 50% Relative Humidity)
 To Touch: 4 – 6 Hours
 Recoat: Overnight

CLEAN UP: Mineral Spirits

THINNING: Do Not Thin!

## RECOMMENDED PRIMER COATINGS

The following Richard's products are recommended primer coatings for this finish coating material. However, recommended Richard's primer coatings are not limited to the products listed below;

#### · Ferrous or Non-Ferrous:

- 1015. Rust Shield Red Oxide Rust Inhibitive Metal Primer
- 1018. Rust Shield Rust Inhibitive White Metal Primer
- · 1120, Industrial Coatings White Universal Primer
- SR-933, Painter's Pride Professional Coatings Alkyd Primer/Sealer

#### · Galvanized or Zinc Coated Metal:

- 7-44, PPS 100% Acrylic Universal Primer/Sealer
- · 705, H2O Fusion Waterbourne Alkyd Universal Primer/Sealer
- 1017, Rust Shield Zinc Chromate Metal Primer
- 1215 / 1220 Rust Shield II Acrylic DTM Gray / White Metal Primers

#### 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 smooth medium nap synthetic, lamb's wool or mohair roller cover, depending on texture or surface porosity.
- Airless Spray Application:

Pump: Graco – GM3000/495ST Wagner – EP2300

Tip: 0.013 – 0.015 Reversible
Pressure: Minimum 2000 psi

• **Hose:** 1/4 inch (6.3 mm) - 3/8 inch (10 mm)

#### PACKAGING & WEIGHT PER GALLON

 Packaging:
 Quarts – 6/case
 Gallons – 4/case

 2 Gallons – N/A
 5 Gallons - Each

Weight Per Gallon: 10.19 lbs.

## **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

**Signature Series Alkyd Semi-Gloss Enamel** may be easily applied with a quality brush, roller cover, or airless 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.
- When applying by brush, apply a smooth and generous coat on smaller surface areas, such as cutting-in larger surfaces and painting trim.
- When applying by roller cover, apply an even and generous coat in a "W" or crisscross motion, avoiding any excessive respreading or reworking.
- When applying by airless spray equipment, use a unit with a minimum of 2000 psi of pressure, with a 0.013 – 0.015 fluid spray tip.
- During spray application, it is recommended to back-roll the surface area to ensure proper adhesion, and an even coat application.
- 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.

# **PRODUCT LIMITATIONS**

- Not for exterior application.
- 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 OUT OF REACH OF CHILDREN! 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!

<u>FIRST AID:</u> 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.

<u>NOTICE:</u> 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!** 

#### **WARRANTY & LIMITATIONS**

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