

# PRODUCT DATA SHEET PROD. #750 SERIES SIGNATURE SERIES 100% ACRYLIC SEMI-GLOSS ENAMEL



## **PRODUCT DESCRIPTION**

Signature Series 100% Acrylic Semi-Gloss Enamel is our very best interior/exterior semi-gloss house and trim paint specially formulated to provide excellent durability and weather resistance. It provides excellent coverage, is non-yellowing, fade resistant, and sulfide stain and mildew resistant. Its ease of application and overall superior durability gives this product fantastic application versatility allowing for use to a variety of interior and exterior surfaces. Its 100% acrylic resin formula provides excellent adhesion properties, and allows for application in residential, commercial, architectural and light industrial venues. It is formulated to meet, equal, or exceed Federal Specification TT-P- 1511B Type I for quality and performance, and is VOC Compliant. Mildew Resistant - This paint contains agents that inhibit the growth of mildew on the surface of this paint film.

PRODUCT FEATURES	PRODUCT USES		PERFORMANCE QUALITIES		<b>VOC COMPLIANCE</b>	
100% Acrylic Formula	Suitable for the following properly prepared surfaces;		Product Quality:	Premium / Best	AIM	Yes
<ul> <li>Rich Semi-Gloss Finish</li> </ul>	INTERIOR / EXTERIOR		Product Use:	Interior / Exterior	OTC	Yes
<ul> <li>Excellent Coverage</li> </ul>	Gypsum Drywall	Masonry	Application:	Brush, Roller Cover,	CARB	No
Excellent Weather	Plaster	Stucco	1	Airless Spray	SCAQMD	No
Resistance	Ceilings	CMU Surfaces	Product System:	Water-Based	MPI#	No
<ul> <li>Excellent Durability</li> </ul>	Wood Trim & Doors	Aluminum	Finish:	Semi-Gloss	LEED® 09CI	Yes
Fade Resistant	Wood Siding	Galvanized Metal			LEED® 09NC	Yes
<ul> <li>Mildew Resistant</li> </ul>	Wood Fencing	Ferrous Metal			LEED® 09CS	Yes
<ul> <li>Easy To Apply</li> </ul>	Great For Both Interior & Exterior Use!				LEED® H	Yes

#### 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 as follows:

- 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 exterior surfaces, pressure wash the entire surface area using a unit with a minimum of 2000
  psi of water pressure. More difficult areas should be hand scraped, sanded, wire brushed and/or
  power tool cleaned as mentioned above.
- 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: 25.41%</u> <u>VEHICLE: 74.59%</u>

MORE DETAILED PRODUCT ANALYSIS DATA IS AVAILABLE UPON REQUEST.

#### TECHNICAL DATA

COLORS: White & Tint Bases

750 White 751 Tint Base 752 Deep Base 753-A Accent Base

• TINTING: Universal Colorants

• VEHICLE TYPE: 100% Acrylic

• VISCOSITY: 100 KU ± 3

• GLOSS @ 60°: Semi-Gloss / 50 units ± 1

• FLASH POINT: 214º F

 VOC: Not to Exceed 150 g/l – 1.26 lb/gal (Meets AIM & OTC Standards)

• **SOLIDS:** By Volume: 39.45% ± 2% By Weight: 51.37% ± 2%

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

MIL FILM: Estimated @ 350 Sq. Ft. / Gal.
 Wet: 4.6 mils
 Dry: 1.8 mils

• **DRY TIME:** (@ 70° F & 50% Relative Humidity)
To Touch: 2 – 4 Hours

Recoat: 6 – 8 Hours, or after overnight dry.

• CLEAN UP: Warm Soap & Water

• THINNING: Clean Water

# RECOMMENDED PRIMER COATINGS

Although formulated to be self-priming on previously painted surfaces in good condition, 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.

# • New Gypsum Drywall / Plaster:

- 7-11, PPS Latex Primer/Sealer Undercoater
- 7-22, PPS Universal Alkyd Primer/Sealer Undercoater
- 7-44, PPS Universal Acrylic Primer/Sealer Stain Killer

#### New Wood:

- 7-22, PPS Universal Alkyd Primer/Sealer Undercoater
- · 7-44, PPS Universal Acrylic Primer/Sealer Stain Killer

#### New Masonry

- 56, Signature Series Waterborne Epoxy Ester Bonding Liquid
- 1414, Rich Flex Alkali Resistant Acrylic Masonry Primer

## • New Non-Ferrous, Aluminum & Galvanized Metal:

- 1017, Rust Shield Zinc Chromate Metal Primer
- 1215/1220, Rust Shield II 100% Acrylic DTM Gray/White Metal Primers

#### New Ferrous Metal:

- 1015, Rust Shield Red Oxide Metal Primer
- 1018, Rust Shield Rust Inhibitive Metal Primer
- 1120, Industrial Coatings Universal Primer

## Previously Painted Surfaces:

56, Signature Series Waterborne Epoxy Ester Bonding Liquid

#### APPLICATION EQUIPMENT

- Brush Application: Apply using a quality nylon, polyester, or combination
  of both.
- Roller Application: Apply using a %" 11/4" nap synthetic or lamb's wool roller cover, depending on the texture and surface porosity.

## Spray Application:

Pump: Gas or Electric Airless Sprayer
 Tip: 0.017" – 0.019" Reversible

Pressure: Minimum 2000 psi

• **Hose:** 1/4 inch (6.3 mm) - 3/6 inch (10 mm)

## PACKAGING & WEIGHT PER GALLON

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

 $2 \; Gallons - N/A \qquad \quad 5 \; Gallons - Each; \; (White \; \& \; TB \; Only!)$ 

Weight Per Gallon: 10.50 lbs.

# **CLEAN UP & THINNING INSTRUCTIONS**

**Clean Up:** Clean up any minor spills and spatters immediately with warm soapy water, 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 clean water up to ½ pint per gallon.

## PRODUCT APPLICATION - General

**Signature Series 100% Acrylic 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 (2) 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 paint trim or cutting-in larger surfaces.
- 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 0.017" – 0.019" 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 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: Avoid prolonged contact with skin, and breathing of dust, vapors and/or spray mists. Causes eye irritation. USE WITH ADEQUATE VENTILATION! Ensure fresh air entry during application and drying. If you experience eye water, headache or dizziness, or if air monitoring demonstrates vapor/mist levels are above applicable limits, wear an appropriately fitted respirator, (NIOSH approved), during and after application. Follow respirator manufacturer's directions for respirator use. Avoid contact with eyes, skin and clothing. 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.

**KEEP OUT OF REACH OF CHILDREN!** 

# **WARRANTY & LIMITATIONS**

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