



# Valspar Professional Interior Pre-Catalyzed Epoxy

## No. 33400 Series & No. 33100 Series

### GENERAL DESCRIPTION

Valspar® Professional Pre-Catalyzed Epoxy is an interior premixed epoxy ideal for jobs where extra durability and chemical resistance are required. It offers comparable performance to two component epoxies without the hassle of having to mix Part A and Part B on the jobsite.

### PRODUCT FEATURES

- No Jobsite Mixing Required
- Commercial cleaner resistant
- Extra hard finish gives more durability
- Dries to extra smooth finish
- Easy spray, brush and roll application
- Excellent stain resistance and stain blocking

### RECOMMENDED USES

- Interior commercial areas like Maintenance Shop Walls, Light to Medium Industrial Application
- School hallways and classroom walls
- Trim and doors
- Hospitality, office settings and retail locations

### CERTIFICATIONS

LEED US  
LEED CANADA  
MPI 153 (Light Industrial Interior, Semi-Gloss)

### REGULATORY COMPLIANCE

Current as of: 6/22/2015  
SCAQMD  
CARB 2000 SCM  
CARB 2007 SCM  
OTC/LADCO  
US National

### PRODUCTS AVAILABLE

#### SEMI-GLOSS

**Tintable White** (33400)

**Medium Base** (33401)

#### EGGSHELL

**Tintable White** (33100)

**Medium Base** (33101)

### PRODUCT SPECIFICATIONS

**Vehicle Type:** Acrylic resin

**Flashpoint:** N/A

**VOC:** <50 g/L or <0.41 lbs./gal. as calculated within the margin of error by EPA Method 24

**Volume Solids:** 36%±2%

**Weight Solids:** 50%±2%

**Weight Per Gallon:** 11.00 lbs./gal. ± .2 lbs.

**Semi-Gloss @ 60° Gloss:** 50-60 Units

**Eggshell @ 85° Sheen:** 25-35 Units

*Above specifications are rounded and based on Semi-Gloss Tintable White (33400). Specifications will vary by sheen, color and base.*

**Practical Coverage:** Covers up to 400 sq. ft. per gallon (37 m<sup>2</sup> per 3.78 L) depending on surface porosity. Do not thin.

**Drying Time\*\*:**

**77 °F (25°C) and 50% RH**

Surface Dry: 30-60 minutes

Recoat: 2-4 hours

**Application Temperature:** 50 – 90 °F (10 – 32 °C)

*Dry time will vary by film thickness, temperature and humidity*

**Tinting (Universal Colorants)**

**Tintable White:** Up to 2 Ounces/gallon

**Medium Base:** Up to 8 Ounces/gallon

### APPLICATION

**Apply at 4 mil WFT; 1.5 mil DFT Minimum**

**Airless:**

Fluid pressure: 2000psi

Filter Size: 60 mesh

Tip size: .015-.019"

**Brush:** Synthetic Bristle

**Roller Cover:** 3/8" or higher Soft Woven

### SYSTEM RECOMMENDATIONS

**Drywall/Plaster/Wood**

1 Coat Valspar Interior Latex Primer

1-2 Coats Professional Pre-Catalyzed Epoxy

**Steel**

1 Coat Valspar Acrylic DTM Primer

1-2 Coats Professional Pre-Catalyzed Epoxy

**Galvanized/Aluminum**

1 Coat Valspar Bonding Primer

1-2 Coats Professional Pre-Catalyzed Epoxy

**Concrete**

1 Coat Valspar Block Filler

1-2 Coats Professional Pre-Catalyzed Epoxy

**Masonry**

1 Coat Valspar Masonry and Stucco Primer

1-2 Coats Professional Pre-Catalyzed Epoxy

**Previously Painted Surfaces**

1-2 Coats Professional Pre-Catalyzed Epoxy

### PRODUCT PERFORMANCE

**Product: Semi-Gloss Tintable White (33400)**

**Chemical Resistance**

**X=Excellent Y=Limited**

Water	X
Vinegar	X
Xylene	Y
Paint Thinner	X
Alkali Resistance (10% Sodium Hydroxide)	X
Bleach	X
Acid (10% Sulfuric Acid)	X
House Cleaner (409©)	X
<b>Cleansability</b>	
Mustard	Y
Hot Coffee	X
Wine	X
325 Mesh Graphite	X
Ketchup	X

**Scrub Resistance (ASTM D2486)**

Result: >575 Cycles to failure

**Scrub Resistance (MPI© 153, Section 4.5)**

Result: Pass >4000 cycles

**Block Resistance:** Excellent

**Pencil Hardness (ASTM D 3363)**

Result: 2B (After Cure)

**Adhesion (ASTM D 3359)**

Result: 4B (Over galvanized steel primed with Valspar Bonding Primer)



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### SURFACE PREPARATION

#### **General:**

Read the Lead Warning paragraph. Remove rust, oil, grease, mildew salt and dirt from surface. Remove all dust or other loose material off the surface. Verify area is dry and free of all dust and loose material.

**Previously Painted Surfaces:** Follow *General* prep section. Glossy surfaces should be dulled. If substrate is showing prime with appropriate Valspar primer.

**Steel:** Solvent clean all surfaces per SSPC-SP1, SSPC-SP 2, Hand Tool Cleaning is the MINIMUM prep required. SSPC-SP 6/NACE NO. 3, Commercial Blast Cleaning is PREFERRED.

**Galvanized:** All new galvanized metal must be allowed to weather for a minimum of six months before coating. SSPC-SP 1 Solvent Cleaning is the MINIMUM prep required. SSPC-SP 16, Brush-off Blast Cleaning of Non-Ferrous Metals is PREFERRED.

**Concrete/Masonry:** All new concrete surfaces must be allowed to weather a minimum of 30 days prior to coating. Make sure all release agents are removed from surface prior to coating. SSPC-SP 13/NACE No. 6, Surface Preparation of Concrete is required

**Aluminum:** SSPC-1 surface prep recommended.

**Drywall:** Fill cracks, pits and voids with patching compound, let cure and sand smooth. Remove all sanding dust. Spot prime new or bare surfaces before applying the finish coat.

**Wood:** Surface must be in sound condition and free from all dirt, oils and other contaminants. Solvent cleaner or other detergent might be required. Remove any loose wood by sanding as required.

### CLEAN UP

Clean spills and equipment with warm water and soap.

### SHIPPING AND PACKAGING

**Freight Classification:** Paint or paint related material. Protect from freezing.

#### **Packaging:**

- Gallon – 4 per carton
- 5 gallon pails

### STORAGE AND DISPOSAL

Do not freeze. Keep container closed when not in use. Do not transfer contents to other containers for storage or disposal. In case of spillage, absorb with inert material such as sand or kitty litter. Dispose of contaminated absorbent, container and/or unused contents in accordance with local, state and federal regulations.

### LEAD WARNING

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 an 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](http://www.epa.gov/lead).

### CAUTION

CAUTION! **KEEP OUT OF THE REACH OF CHILDREN.** May cause eye and skin irritation. **Use only with adequate ventilation.** Avoid breathing vapors, spray mist or sanding dust. If painting indoors, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headache or dizziness, or if air monitoring demonstrates vapor/mist levels are above applicable limits, wear an appropriate, properly fitted respirator (NIOSH approved) during and after application. Follow respirator manufacturer's directions for respirator use. When sanding, wear a dust mask. Avoid contact with eyes and skin. Wash thoroughly after handling. Close container after each use. DO NOT TAKE INTERNALLY.

WARNING: This product contains a chemical known to the State of California to cause cancer. **First Aid: Eye Contact:** Immediately flush with plenty of water for at least 15 minutes. If irritation persists, get medical attention.\* If Inhaled: If affected by inhalation of vapor or spray mist, move to fresh air. If breathing difficulty continues, get medical attention.\* **If Swallowed:** Drink 2 glasses of water. Get medical attention immediately.\*

\*Call poison control center, hospital emergency room or physician immediately.

UCL 5.1

#### **Additional warning statements for Eggshell**

WARNING! Contains Crystalline Silica.

Delayed effect from long-term exposure: Cancer hazard. Contains crystalline silica, which can cause cancer. Risk of cancer depends on duration and level of exposure to dust from sanding surfaces or spray mist. UCL 3.1

For additional safety and chronic health hazard information, refer to the Material Safety Data Sheet for this product.

#### **EMERGENCY MEDICAL TELEPHONE:**

1-888-345-5732

**This product contains <50 g/L VOC†**

† This product contains, <50 g/L VOC as calculated within the margin of error by EPA Method 24.

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