



*Commitment to Quality*

*1<sup>st</sup> Step*

**INTERIOR/EXTERIOR WHITE METAL  
RUST INHIBITIVE ALKYD PRIMER**

**06453**

**PRODUCT DATA**

**GENERIC TYPE:** Alkyd

**DESCRIPTION:** A high quality, interior/exterior, rust inhibitive lead and chromate free, corrosion and weather resistant alkyd metal primer. Resistant to oils, grease, mild acids and alkalis, chemical fumes, and salt air when top coated. McCormick performance alternate for Federal Specification: TT-P-664.

**Features:**

- Corrosion Resistant
- Flash Rust Resistant
- VOC Compliant
- Quick Dry

**RECOMMENDED USES:** For use on properly prepared structural steel and aluminum surfaces. Can be used as a shop or field primer giving excellent adhesion characteristics and protection until normal top coating can be carried out. Ideal for use on storage tanks, equipment, machinery, conveyers, metal buildings fences, and for general maintenance painting.

**COMPATIBLE COATINGS:** May be top coated with latex based or alkyd/oil paints.

**TINTING:** Use only universal tinting colors, up to 2 oz. per gallon.

**NOT RECOMMENDED:** This product is not recommended as an undercoating for strong solvent aromatic epoxy, urethane, and chlorinated rubber type coatings. Do not use on galvanized metals or for immersion use.

**PHYSICAL CHARACTERISTICS**

- **Colors:** White
- **Vehicle Type:** Alkyd Resin
- **VOC/VOS:** Less Than 400 Gms/L, 3.5 lbs/gal
- **Volume Solids (Avg.):** 58% ± 2%
- **Weight Solids (Avg.):** 76 % ± 2%
- **Viscosity:** 95 KU
- **Suggested Film Thickness:**  
**Brush and Roll:** 3 mils wet, 1.7 mils dry  
**Spray:** 6 mils wet, 3.5 mils dry
- **Theoretical Coverage per Gallon:**  
300 sq ft @ 3 mils DFT
- **Gloss Level:** N/A
- **Sheen:** 15% @ 85°
- **Drying Time @ 77°F & 50% R.H.:**  
**To Touch:** 2 hours  
**Recoat:** 24 hours. Allow additional drying time during humid or cooler weather.
- **Min. Surface/Air Temperature at Application:** 50°F.
- **Max. Surface/Air Temperature at Application:** 125°F
- **Flash Point:** 105°F  
**Heat Resistance:** 250°F Intermittent
- **Application:** Brush, Roller, or Spray
- **Thinning:**  
**Brush and Roller:** Not Recommended  
**Spray:** VM & P Naphtha up to One Pint per Gallon
- **Clean Up:** Mineral Spirits
- **Packaging:** Quart, Gallon
- **Weight per Gallon:** 11.4 lbs/gallon

#### **SURFACE PREPARATION:**

The surface should be clean and dry. Clean surfaces thoroughly to remove all dirt, grease, oil, and any other foreign matter by using a stiff brush and/or clean rags wet with mineral spirits.

**New Work:** In order for primer to protect metal it is essential for that primer to be able to reach the primed substrate. Due to the wetting ability of this primer, good results can also be expected over good hand or power tool cleaning.

**Previously Painted Surfaces:** All areas failing by rusting, blistering, etc. should be cleaned back to bare metal by appropriate methods and spot primed. If the surface shows more than 25% failure or poor adhesion, all old coatings should be removed and a full prime system applied.

#### **APPLICATION:**

Always stir well before use. Additives for ease of application or to promote adhesion are not recommended. Do not apply if material, substrate, or ambient temperature is below 50°F or above 110°F. Relative humidity should be below 90%. Apply by brush, roller, or spray. For best brush application results, use a quality synthetic filament brush. For roller application, use a 3/8" to 1/2" nap cover. For spray application, thin with mineral spirits, up to one pint per gallon if necessary.

#### **APPLICATION EQUIPMENT:**

- Apply by brush, roller, or spray.
- Manufacturers listed below are a guide. Others may be used. Changes in pressure and tip size may be required to achieve proper application.

#### **Airless Spray:**

Pump: Graco / Titan

High Pressure Filter: 60 Mesh

Fluid Hose: 1/4" x 50'

Tips: 0.013" - 0.015"

Minimum pressure to avoid fingering: 2000 psi

#### **CAUTIONS:**

##### **CAUTIONS --- Lead Hazard: 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 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).

##### **CONTAINS CRYSTALLINE SILICA IN AN ENCAPSULATED STATE:**

If the dry paint film is sanded, the dust emitted can contain crystalline silica which has been shown to cause cancer under long term exposure. **USE ONLY WITH ADEQUATE VENTILATION.** Wear appropriate respiratory protection when sanding or spraying this product. To avoid breathing vapors or spray mist, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches or dizziness, wear respiratory protection (NIOSH/MSHA TC23C or equivalent) or leave the area. Avoid contact with eyes and skin.

**FIRST AID:** If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical assistance immediately. In case of eye contact, flush immediately with plenty of water for at least 15 minutes and get medical attention; for skin, wash thoroughly with soap and water. If swallowed, get medical attention immediately.

**CONTAINER LABELING COMPLIES WITH APPLICABLE STATE RIGHT-TO-KNOW ACTS.** For additional safety and health information, please refer to the Material Safety Data Sheet (MSDS).

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MANUFACTURED BY:

**McCormick Paints**

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**PRODUCT DATA SHEET**