



# PRIME LOCK PLUS

ALKYD PRIMER/SEALER  
PS-8100

## Features

- Blocks Stains
- Penetrating Alkyd Formula
- Seals All Surfaces
- Excellent Enamel Holdout
- Recoat in 2 Hours

## General Description

Prime Lock Plus Alkyd Primer/Sealer is a high hiding, alkyd-based primer and stain blocker for interior use and spot priming exterior surfaces. Excellent for priming over plaster, drywall, wood and previously painted or varnished surfaces. It can be top coated with any oil or latex paint. It provides excellent enamel holdout and will not raise wood grain. Use it as a primer prior to applying most wall coverings. It has excellent adhesion over glossy surfaces. It is effective for "bleed through" from fire and smoke damage, water stains, wood tannin, crayon, lipstick, ballpoint pen and felt pad inks. Severe stains may require an additional coat of Prime Lock Plus before applying the finish coat.

## Recommended For

**Wood** – Seal burned or charred wood. Use as an enamel undercoater prior to latex or oil topcoats. One or more coats may be used to seal common bleeding type wood stains. **Drywall/Plaster:** Excellent as a primer for walls before painting or wallpapering. Lock in common household stains from food, grease and graffiti. **Glossy/Hard-to-coat surfaces:** Prime Lock Plus provides improved adhesion over difficult to paint surfaces such as glossy paint, Formica, tile, Marlite, PVC and tile.

## Limitations

- Do not apply at temperatures below 45 °F (7.2 °C)
- Do not paint if surface temperature is within 5 degrees of the dew point.

## Product Information

### Colors — Standard:

White

Can tint with up to 2 oz. Universal Colorant

### — Tint Bases:

N/A

### — Special Colors:

Contact your dealer.

### Certification & Qualifications:

The product supported by this data sheet contains a maximum of 350 grams per liter VOC / VOS (2.92 lbs/gal.) excluding water & exempt solvents.

Master Painters Institute MPI # 69

VOC REGION	COMPLIANT
FEDERAL	YES
OTC	YES
LADCO	YES
OTCII	NO
OTCII RI	YES
CARB	YES
CARB07	NO
UTAH	NO
AZMC	YES
SCAQMD	NO

### Technical Assistance:

Available through your local authorized independent Insl-x dealer. For the location of the dealer nearest you, call 1-866-708-9180 or visit [www.insl-x.com](http://www.insl-x.com)

### Technical Data<sup>∅</sup>

### White

Vehicle Type	Alkyd
Pigment Type	Titanium Dioxide
Volume Solids	58.3 ± 1.0%
Coverage per Gallon at Recommended Film Thickness	300 – 400 Sq. Ft.
Recommended Film Thickness	– Wet 4.0 – 5.3 mils – Dry 2.7 – 3.0 mils
Depending on surface texture and porosity. Be sure to estimate the right amount of paint for the job. This will ensure color uniformity and minimize the disposal of excess paint.	
Dry Time @ 77 °F (25 °C) @ 50% RH	– Tack Free 30 Minutes – To Recoat 2 Hours
High humidity and cool temperatures will result in longer dry, recoat and service times.	
Dries By	Oxidation
Viscosity	82 ± 5 KU
Flash Point	92 °F or greater (TT-P-141, Method 4293)
Gloss / Sheen	Flat
Surface Temperature at Application	– Min. 45 °F – Max. 90 °F
Thin With	Do Not Thin
Clean Up Thinner	Mineral Spirits
Weight Per Gallon	12.3 lbs.
Storage Temperature	– Min. 45 °F – Max. 95 °F

Volatile Organic Compounds (VOC)

323 Grams/Liter 2.8 lbs./gallon

## Surface Preparation

Surface to be painted must be clean and free of dirt, chalk, wax, grease, rust or loose, flaking paint. Dirt and chalk should be removed by scrubbing with warm soapy water and thoroughly rinsed with clean water. Wax should be removed with a commercial wax stripper or by solvent cleaning. Grease should be cleaned by using an oil and grease emulsifier or other surface prep degreaser. Rust must be removed by hand sanding vigorously or by conscientious power tool cleaning. Remove loose paint by scraping. Feather sand rough edges to insure a smooth finish coat. Remove sanding dust before paint application.

**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. Carefully clean up 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).

## Application

Stir product with a circular, lifting motion before you begin to paint. Prime Lock Plus may be applied by brush, roller, spray or pad applicator at up to 350 square feet per gallon. This product is formulated to be applied without thinning. Do not thin if this would result in the product exceeding any VOC regulations in effect where it is being applied.

Do not apply Prime Lock Plus unless the surface, material and ambient temperatures are 45 °F or over. Do not paint if surface temperature is within 5 ° of the dew point.

## Clean Up

Clean equipment with mineral spirits immediately after use.

**DANGER – Rags, steel wool or waste soaked with the product may spontaneously catch fire if improperly discarded. Immediately after use, place rags, steel wool or waste in a sealed water-filled metal container.**

USE COMPLETELY OR DISPOSE OF PROPERLY.

This product contains organic solvents, which may cause adverse effects to the environment if handled improperly. Emptied containers may retain product residue. Follow label warnings even after container is emptied. Residual vapors may explode on ignition; do not cut, drill, grind or weld on or near the container.

Disposal of wastes containing either organic solvents or free-liquids in landfills is prohibited. **Local disposal requirements vary; consult your sanitation department or state-designated environmental agency for local disposal options**

## Environmental Health & Safety Information

### DANGER!

FLAMMABLE LIQUID AND VAPOR. VAPOR HARMFUL.

**Contains: Stoddard Solvent, Petroleum Distillates**  
HARMFUL OR FATAL IF SWALLOWED. ASPIRATION HAZARD.  
CAUSES IRRITATION TO EYES, SKIN AND RESPIRATORY TRACT

**Cancer Hazard:** Contains Crystalline Silica, which can cause cancer when in the respirable form (spray mist or sanding dust).

**NOTICE:** Repeated or prolonged exposure to organic solvents may lead to permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling vapors may be harmful or fatal.

Keep away from heat and flame. Vapors may cause flash fire. Prevent build-up of vapors by opening all windows and doors to achieve cross ventilation. Vapors are heavier than air and may travel along ground or may be moved by ventilation and ignited by pilot lights, or other flames, sparks, heaters, or static discharge.

**Use only with adequate ventilation.** Do not breathe vapors, spray mist or sanding dust. Avoid contact with eyes and prolonged or repeated contact with skin. 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, headache or dizziness or if air monitoring demonstrates vapor levels are above the applicable limits, wear an appropriate, properly fitted respirator (NIOSH approved) during and after application. Follow respirator manufacturer's directions for respirator use. Aspiration Hazard. Small amounts aspirated into the respiratory system may cause mild to severe pulmonary injury. Close container after each use. Wash thoroughly after handling



**WARNING:** This product can expose you to chemicals including Titanium dioxide, which are known to the State of California to cause cancer, and Toluene which are known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

**FIRST AID:** If affected by inhalation of vapors or spray mist, remove to fresh air. In case of eye contact, immediately flush with plenty of water for at least 15 minutes and get medical attention immediately; for skin, wash thoroughly with soap and water. If symptoms persist, seek medical attention. If swallowed, do not induce vomiting. Get medical attention immediately.

**IN CASE OF FIRE –** Use foam, CO<sub>2</sub>, dry chemical or water fog.

**SPILL –** Absorb with inert material and dispose of as specified under "Clean Up".

**KEEP OUT OF REACH OF CHILDREN**

**Refer to Safety Data Sheet for additional health and safety information.**