



PRIME LOCK PLUS

ALKYD PRIMER/SEALER PS-8100

Features

- Blocks stains
- Penetrating alkyd formula
- Seals all surfaces
- Excellent enamel holdout
- Recoat in 2 hours
- Interior / Exterior

Recommended For

Seal burned or charred wood. Use as an enamel under-coater prior to latex or oil topcoats. Apply to bleeding woods such as cedar and redwood to block tannin stains. Excellent as a primer for walls before wallpapering for easy positioning and removal. Lock in common household stains from food, grease and graffiti. Prime Lock Plus provides excellent adhesion over difficult to paint surfaces such as glossy paint, Formica, tile, Marlite, PVC and tile.

General Description

Prime Lock Plus Alkyd Primer/Sealer is a high hiding, alkyd-based primer and stain blocker for interior and 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. It has excellent adhesion over glossy surfaces. It is effective against "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.

Limitations

- Do not apply at temperatures below 45 °F (7.2 °C)
- Not recommended for walking surfaces
- 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. of 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

Technical Data

White

Vehicle Type	Alkyd
Pigment Type	Titanium Dioxide
Volume Solids	58.1 ± 2%
Coverage per Gallon at Recommended Film Thickness	300 – 400 Sq. Ft.
Recommended Film Thickness	– Wet 4.0 – 5.3 mils – Dry 2.3 – 3.1 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	80 ± 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, mold/mildew or loose, flaking paint. Dirt and chalk should be removed by scrubbing with warm soapy water and thoroughly rinsed with clean water. Remove mildew using a bleach and water mixture. 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.

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 400 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: Cancer and Reproductive Harm–
www.P65Warnings.ca.gov. Refer to the product label & Safety Data Sheet for product specific information.

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, CO₂, 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.