

# Installation Guidelines

**COVERAGE:** One gallon covers approximately 350 SF.

## USE ON:

Unfinished (or properly prepared and sanded previously finished) floors, wooden furniture and cabinetry. **Available in gloss, satin and matte.**

## LIMITATIONS:

Safecoat sealers are made without formaldehyde preservatives. Do not contaminate. Store in air-tight containers. Do not use when indoor temperature is below 55 degrees F. Do not freeze.

**Thick application, high humidity or conditions other than normal will cause Safecoat to dry and cure more slowly.**

## SURFACE PREPARATION:

Clean surfaces of dirt, grease, mildew and oil. Previously sealed surfaces should be sanded to promote adhesion **(all gloss must be removed)**. **Wet sanding is recommended.**

Surface should be completely dry before application. **Always spot test for adhesion over prior coatings.**

## APPLICATION:

Before using, roll the Safecoat Polyureseal BP container well, then apply as is. Stir product thoroughly every 20 minutes during application. Apply with a brush, pad or airless sprayer. When sealing dark surfaces and a matte sheen is desired, apply Safecoat gloss coats prior to finishing with matte.

## Spraying Guidelines

Safecoat Finish	Acrylacq		Polyureseal BP	
	HVLP	Airless	HVLP	Airless
Equipment				
Substrate temperature	70-75°	70-75°	70-75°	70-75°
Coating temperature	70-75°	70-75°	70-75°	70-75°
Pot pressure	← If applicable 15-25 Lbs. →			
Tip	← 9/1000 - 13/1000 →			
Spray pattern	← FULL →			
Distance from surface	← 10-12" →			
Dry time between coats	At ambient temperatures, 30-60 minutes Cooler temperatures or higher humidity will double dry times			

## CLEAN UP:

Clean tools and equipment while they are still wet with a warm soapy water solution.

## DRYING/CURING TIME:

Sandable and recoatable after 2-4 hours under normal drying conditions. Humid conditions will extend these cure times significantly. The product will continue to cure and become harder over a 2 week period or longer if humid. It's best to wait to move furniture for at least 2-4 days before opening to foot traffic. Normal application conditions include a dry surface, access to fresh air flow, humidity 35-65%, and temperatures above 55 degrees F.

## HEALTH PRECAUTIONS:

As with all coatings and sealers, keep container tightly closed and out of the reach of children. Do not take internally. Keep from freezing. Always use adequate ventilation.

## PHYSICAL DATA

Physical Description: Milky, dries clear  
 % Volatile by Volume: 71.25%  
 Solubility in Water: Dilutable  
 % Volatile by Weight: 67.68%  
 VOC Material: See product SDS  
 VOC Material less H2O: See product SDS

**HAP's (Hazardous Air Pollutants) zero**

**If you are chemically sensitive, always test for personal tolerance.**

Test samples available through your AFM retailer.



**LIMITED LIABILITY:** Liability, whether express or implied, is limited solely to replacement of product shown to be defective when applied in accordance with instructions and shall under no circumstances include liability for labor costs or consequential damages. It is the user's responsibility to determine the suitability and safety of the product for its intended use. This limited warranty may not be modified or extended by manufacturer's representatives, distributors, or dealers of AFM products. We particularly recommend that users always test in small inconspicuous areas before application to the entire surface.

**American Formulating and Manufacturing** 3251 Third Ave., San Diego, CA 92103 [www.afmsafecoat.com](http://www.afmsafecoat.com).

# Installation Guidelines

**WATER BASED/COVERAGE:** One gallon covers approximately 350 SF.

## APPLICATION HIGHLIGHTS:

If you are unsure of any surface, testing with small samples is absolutely necessary. Remove chipped or peeling coatings before application. All wood surfaces should be freshly sanded. Use 60,80,100 or 120 max. grit sandpaper on old wood as needed. Lightly sand newer wood with 120 grit to remove planer marks and open the pores. Lightly sand non-porous surfaces, stained or painted surfaces with 120 grit or 000/0000 steel wool to provide tooth. Always clean the surface with a mild neutral pH cleaner that leaves no residue.

**Do not use a tack cloth that contains solvents.**

**Never apply over conventional stains or sealers that are not fully cured as unwanted reactions may occur. Full curing may take 2-6 weeks.**

**Polyureseal BP is made strictly for indoor use.**

**Polyureseal BP can be applied over the following surfaces:**

Wooden floors both soft and hardwood species and some vinyl type flooring (testing required).

**Polyureseal BP should not be applied over the following surfaces:**

Concrete countertops, Formica type countertops, ceramic or porcelain tile, ABS or PVC plastics, glass, fiberglass, laminate flooring.

**Do not use if this product has been frozen in the container.** Normal shelf life is one year but proper sealing and storage can sometimes result in longer times.

**Do not use it if it looks strange or smells like spoiled food. Trust your nose.**

**Optimum environmental conditions:**

Temperatures 55-80 degrees F

Humidity 35-65%

Good ventilation

## For best adhesion:

Apply 3-4 thin coats over wood surfaces instead of thick coats to build the finish. Fewer coats may be used over non-porous surfaces. Be patient and allow to dry in between coats. It is recommended to do a light sanding between coats to improve inter-coat adhesion.

**High humidity above 65% can slow dry times by a factor of 2 times. Cooler temperatures can also slow dry time.**

## For best appearance:

For the best surface clarity, multiple coats of gloss is best. Multiple coats of matte or satin will result in a slightly cloudy appearance (3-4%)

**However, for a matte finish with clarity, use gloss coats as the "primer" coats with the final coat being the matte or satin. Use good quality synthetic brush, paint pad etc.**

## To reduce hazardous emissions and VOCs.

Polyureseal BP in a three coat application can be used to block some VOC emissions of some but not all products.

**Polyureseal BP will not block emissions from organic odors such as pet urine, smoke, air fresheners or fabric softeners.**

**Testing is absolutely required. Be sure to allow adequate dry time in between coats.**

**Good ventilation will help accelerate dry times and reduce emissions.**

**If you are chemically sensitive, always test for personal tolerance.**

**Sample orders can be made through your AFM retailer.**

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