



*Coatings Excellence Since 1899*

## PRODUCT DATA SHEET

### Krystalac Plus Pre-catalyzed Clear CAB Lacquer Semi-gloss

**Product Code:** 231007

#### DESCRIPTION

Krystalac Plus Pre-catalyzed Clear CAB Lacquer is a VOC compliant solventborne acrylic butyrate lacquer with a crystal clear finish that will never yellow. It has outstanding durability, a fast dry time and excellent resistance properties.

It is recommended for use on kitchen cabinets, furniture, bathroom vanities, windows and door trim.

#### FEATURES

- Excellent Cold Check Resistance
- Chemical Resistance
- Non-yellowing
- Ready to Spray

#### APPLICATION

Be sure the wood is free of dirt, grease, glue, wax, mildew, silicone, or any other contaminants. Final sanding of the wood should be done in the direction of the grain to prevent sanding scratches. Remove all sanding dusts with a tack cloth or compressed air. Apply undercoater evenly and allow to flow into grain being careful not to create high build areas or runs on vertical surfaces. Allow undercoater to dry for 30 minutes and sand with 220 grit steared paper or equivalent. Remove all sanding dusts. Apply topcoats allowing each coat to dry approximately 30 minutes between applications. The final dried film build for the system should not exceed 4 mils.

#### HUMIDITY

In high humidity conditions use Sampson's 022025 Lacquer Retarder to prevent blushing.

#### PHYSICAL PROPERTIES

|                     |                            |
|---------------------|----------------------------|
| Vehicle Type:       | Cellulose Acetate Butyrate |
| Flash Point:        | 39 °F                      |
| Weight Solids:      | 22 - 26 %                  |
| Volume Solids:      | 17 - 21 %                  |
| Weight Per Gallon:  | 7.3 - 7.7 lbs/gal          |
| English VOC:        | < 5.7 lbs/gal              |
| Metric VOC:         | < 680 g/l                  |
| Dry to Touch:       | 15 minutes                 |
| Dry to Sand/Recoat: | 30 minutes                 |
| Dry Film Thickness: | 312 sq ft (1 mil dry film) |
| Application Method: | Spray, brush, roll         |
| Reduction Solvent:  | 022008 Mineral Spirits     |
| Clean Up Solvent:   | 022008 Mineral Spirits     |

1. A light screening to roughen the surface is recommended after 48 hours cure to ensure proper intercoat adhesion.

5/6/2009 - This document supercedes all previous product data sheets.

Sampson Coatings 1900 Ellen Rd Richmond, VA 23230  
 toll free: 800.368.2677 local: 804.359.5070 (all non-emergency) fax: 804.353.3706

**SAFETY:**

Before starting any of the following procedures, be sure you have and use Personal and Environmental Protective Equipment for all hazards involved. Please read the Material Safety Data Sheet information before using this product.

**ADVISORY:**

The National Paint and Coatings Association (NPCA) has determined that 80% of all paint and coatings failures can be directly related to improper or inadequate surface preparation.

National Paint and Coatings Association, [www.paint.org](http://www.paint.org)

**DANGER!**

**FLAMMABLE LIQUID AND VAPOR!**

**WARNING!**

**VAPOR HARMFUL!  
HARMFUL OR FATAL IF SWALLOWED;**

**PRECAUTIONS:**

Dry times for this product are based on laboratory tests at 77 °F and 50% relative humidity. Low temperature, high humidity, heavy application and excessive film build will extend drying times.

**WARNING:**

Use only with adequate ventilation. Do not breathe vapors or spray mists. Ensure fresh air entry during application and drying. If sanding, applying by spray application, or you experience eye watering, headache or dizziness or if air monitoring demonstrates vapor mist levels above applicable limits, wear an appropriate properly fitted respirator (NIOSH approved) during and after application. Follow manufacturer's directions for respirator use. Close container after each use. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.

If you scrape, sand or remove old paint from any surface, you may release lead dust or other chemical dust hazards. 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 dust exposure. Carefully clean up with a wet mop or HEPA vacuum. Before you start, find out how to protect yourself and your family by contacting the U.S. EPA/Lead Information Hotline at 1-800-424-LEAD (5323) or log on to [www.epa.gov/lead](http://www.epa.gov/lead).

National Institute for Occupational Safety and Health, [www.cdc.gov/niosh/programs/](http://www.cdc.gov/niosh/programs/)  
Mine Safety and Health Administration, [www.msha.gov](http://www.msha.gov)

**FIRST AID:**

If you experience difficulty breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical attention immediately. If swallowed, do not induce vomiting. CALL PHYSICIAN IMMEDIATELY. In case of eye contact, flush eyes immediately with plenty of water for at least 15 minutes and get medical attention immediately; for skin, wash thoroughly with soap and water.

**SPILL:**

If spilled, contain spilled material and remove with inert absorbent.

**DISPOSAL:**

Dispose of contaminated absorbent, container, and unused contents in accordance with local, state and federal regulations.

Always consult your Sampson Coatings Representative for Special Problem Applications.

The furnishing of the information contained herein does not constitute representation by Sampson that any product is free from patent infringement claims of any third party nor does it constitute the granting of a license under any patent of Sampson or any third party. Sampson assumes no liability for any infringement which may arise out of the use of this product.

Sampson warrants that its products meet the specifications which it sets for them. Sampson **DISCLAIMS ALL WARRANTIES RELATING TO THEIR APPLICATION**, expressed or implied, including but not limited to warranties of **MERCHANTABILITY** and **FITNESS** for a particular purpose. Receipt of products from Sampson constitutes acceptance of the terms of this warranty, contrary provisions of purchase orders notwithstanding. In the event that Sampson finds that the product(s) delivered are out of specification, Sampson will, at its sole discretion, either replace the product(s) or refund the purchase price thereof, and Sampson choice of one of these remedies shall be the buyer's (purchasers) sole remedy. Sampson will under no circumstances be liable for any consequential damages, except in so far as liability mandated by law. Sampson will deliver products at agreed times in so far as it is reasonably able to do so, but Sampson shall not be liable for failure to deliver on time when the failure is beyond its reasonable control.