

**Product Code:**

131-4026 20° gloss  
131-4036 Satin gloss  
131-4046 Semi- gloss  
131-4066 Full gloss

**VISCOSITY:** 40 ± 2 sec Zahn #2 at 25°C  
**FLASH POINT:** -3°C  
**DENSITY (kg/l):** 1.05 ± 2% at 25°C  
**SOLID (% by weight):** 37 ± 1%  
**SOLID (% by volume):** 22 ± 1%  
**SHELF LIFE (months):** 12

**Product Description:**

Chemguard Elite White is a one-component, fast drying pre-catalyzed lacquer with good resistance properties. This pre-catalyzed lacquer has very low odor during the curing process while maintaining its rapid dry and cure properties. To augment the chemical resistance of the product, Chemguard EliteWhite may be catalyzed.

**Uses:**

Used as a protective coating for wood  
For interior usage only

**Environmental Data (as supplied):**

VOC less exempt lb/gal: 5.52  
VOC lb/gal: 5.52  
VOC less exempt g/l: 662  
VOC g/l: 662  
VOC lb/lb Solid: 1.71  
VHAPs lb/lb Solid: 0.80

See individual compliance sheets for specific data

**Application Data:**

**SUGGESTED USES:** Spray  
**CATALYST:** 3% 999-017 by volume  
**POT LIFE:** When catalyzing, only mix enough material for a maximum of eight hours use.  
**APPLICATION VISCOSITY:** 20-25 sec Z#2  
**REDUCER:** Use 121-802 reducer as needed  
**RETARDER:** Use 100-137 if needed  
**CLEAN-UP SOLVENT:** 121-001  
**APPLIED FILM THICKNESS:** 3 to 5 mils wet

## Directions for Use

CHEMGUARD ELITE WHITE  
131-40XX

### Surface Preparation:

Primers should be sanded with 280/320 grit stearated paper prior to topcoating. The primer should be topcoated within eight hours of sanding. The material may be used as a self-seal coating. When recoating, the previous coat of Chemguard Elite White must be sanded and the next coat applied within eight hours. Chemguard Elite White cannot be used on metal, old oil or cellulose lacquers.

### General information:

***The complete system must be evaluated and approved by AkzoNobel prior to run in production.***

Agitate material before use. Always mix Chemguard Elite White while adding hardener and reducers in the recommended mixing ratios. Chemguard Elite White must be agitated thoroughly at all times to ensure product consistency and consistent gloss. Apply a 3-5 wet mils on a sanded surface. Further coats may be applied after complete drying followed by sanding with 280/320 grit stearated paper. Contact with metal surfaces should be avoided. Maximum film build of total coating system must not exceed 4 mils dry. During hardening, the lacquer must not be exposed to ammonia vapors. Ammonia cleaners must not be used for cleaning the finished surface.

For a complete system cure, Chemguard Elite must be applied at a temperature above 18°C and relative humidity below 65%.

THE CUSTOMER IS RESPONSIBLE FOR FOLLOWING THE RECOMMENDED APPLICATION PROCEDURES. FAILURE TO ADHERE TO THE RECOMMENDATIONS GIVEN IN THIS DATA SHEET WILL LIKELY RESULT IN UNSATISFACTORY FILM APPEARANCE OR FILM FAILURE. THE COMPLETE COATING SYSTEM SHOULD BE CHECKED FOR REQUIRED PROPERTIES PRIOR TO THE START-UP OF PRODUCTION.

### Drying Times:

	At 20°C (Minimum Required)	At 50°C (Minimum Required)
<b>Tack Free Time:</b>	10-15 min	Flash off before oven
<b>Dry to Sand:</b>	2 hours	30-45 min
<b>Dry to Stack:</b>	3 hours	60-90 min

Note: Dry times are greatly affected by film build, porosity of substrate, air movement as well as heat and humidity. Temperatures are based on actual board temperature. This may vary depending on length of time for boards to reach these temperatures. Minimum curing temperatures of 64°F/18°C must be maintained throughout the curing cycle to achieve the film integrity as stated in product features.

These products are designed for industrial use only. AkzoNobel views safety as a top priority. Please refer to Material Safety Data Sheet for information on the safe use of this product.

Values shown are calculated estimates and should not be construed as product specifications. We cannot anticipate all conditions under which this information and our products or the products of other manufacturers in combination with our products may be used. We accept no responsibility for results obtained by the application of this information or the safety and suitability of each such product or product combination for their own purposes. Unless otherwise agreed in writing, we sell the products without warranty, and users assume all responsibility and liability for loss or damage arising from the use of our products whether used alone or a combination with other products. Use of unapproved or reclaimed solvent blends may reduce film properties and is not recommended.

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