

436-1399 Lustrate PU Clear Topcoat

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|---|-----------------------------|--------------------------------------|
| Product codes: 436-1399 High Gloss | Viscosity | Zahn #2 signature cup 45 sec at 25°C |
| | Flash Point: | 24°C (75°F) |
| | Density (kg/l): | 1.03 |
| | Solid (% by weight): | 56% |
| | Solid (% by volume): | 50% |
| | Shelf Life (months): | 12 |

Product Description:

Lustrate is a two component polyurethane enamel with a tough cross linked film. The coating is very resistant to scratching and household chemicals when cured, and can provide exceptional gloss and clarity.

Uses:

Lustrate is used whenever premium performance characteristics are required for interior wood finishing.

Environmental Data (as supplied):

| | |
|--------------------------------|-------|
| VOC less exempt lb/gal: | <5.10 |
| VOC lb/gal: | <3.90 |
| VOC less exempt g/l: | |
| VOC g/l: | |
| VOC lb/lb Solid: | <1.80 |
| VHAPs lb/lb Solid: | <0.2 |

Note:

See individual compliance sheets for specific data

Application Data

| | |
|-------------------------------|---|
| Suggested Uses: | Spray |
| Mixing Ratio: | 1:1 with 876-9081 |
| Suggested Uses: | 3 hours |
| Application Viscosity: | Zahn #2 signature cup 20-25 seconds |
| Reducer: | 121-834 or 800-5301 |
| Retarder: | 800-5328 EEP |
| Clean-up Solvent: | Lacquer Thinner (do not mix with product) |
| Recommended Wet Film: | 4-6 wet mils |
| Coverage: | N/A |

Note:

N/A

Directions for use:

Surface Preparation:

Primer should be well sanded using 240, 320 and 360 grit stearated paper. Care should be taken during sanding to avoid sanding through the primer. The clear system sealer is 436-2104.

General Information:

Mix the desired amount of material and apply 4-6 mils wet. The coating when cured is very suitable to be buffed and polished where dust free conditions are not available.

The relative humidity in the application and drying rooms should never exceed 75%. Viscosity on the mixed material should be monitored regularly to maintain a consistent appearance.

The mixed product contains 876-9081, an isocyanate based co-reactant. Please follow all precautions associated with handling and use of these materials.

Total recommended film thickness of Lustrate is not to exceed 6 mils dry.

Sealers to use under 436-1399: polyurethane 436-2104 or 283-3XX or polyester (740-XXX).

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:

| | Room Temperature (20°C / 68°F) | Forced Drying Schedule (50°C / 122°F) |
|------------------------|---|--|
| Tack Free Time: | 15 - 30 minutes | Flash off before entering oven |
| Dry to Sand: | Overnight | Overnight |
| Dry to Stack: | 3 hours | 4 hours |

Note:

N/A

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.

Akzo Nobel Coatings, Inc
 1431 Progress Ave
 High Point, NC 27260
 336-841-5111

Updated: 2024-05-20 01:00:36

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