

## 546-7257 V-Primer Pigmented Vinyl Primer

<b>Product codes:</b> 546-7257	<b>Viscosity</b> Zahn #2 signature cup 22 sec at 25°C
	<b>Flash Point:</b> -20°C
	<b>Density (kg/l):</b> 1.08 ± 2% at 25°C
	<b>Solid (% by weight):</b> 38 ± 1%
	<b>Solid (% by volume):</b> 20 ± 1%
	<b>Shelf Life (months):</b> 12

### Product Description:

V-Primer is a pigmented one-component vinyl primer. It provides superior moisture resistance along with adhesion over all wood species.

### Uses:

V-Primer is recommended for kitchen cabinets, office or residential furniture as well as other interior wood applications.

### Environmental Data (as supplied):

<b>VOC less exempt lb/gal:</b>	5.46
<b>VOC lb/gal:</b>	4.87
<b>VOC less exempt g/l:</b>	655
<b>VOC g/l:</b>	584
<b>VOC lb/lb Solid:</b>	1.41
<b>VHAPs lb/lb Solid:</b>	0.70

### Note:

See individual compliance sheets for specific data

### Application Data

<b>Suggested Uses:</b>	Spray
<b>Mixing Ratio:</b>	N/A
<b>Pot Life:</b>	N/A
<b>Application Viscosity:</b>	20 - 24 sec Zahn #2 at 25°C
<b>Reducer:</b>	Lacquer thinner 803-1339/121-001 or 121-8020
<b>Retarder:</b>	800-5328 EEP
<b>Clean-up Solvent:</b>	Lacquer Thinner
<b>Recommended Wet Film:</b>	3 - 5 mils wet
<b>Coverage:</b>	8 m <sup>2</sup> /l (90 pi <sup>2</sup> /l) at 1 mil dry and at 100% efficiency. Coverage will vary depending on method of application or coating thickness.

### Note:

N/A

Directions for use:

**Surface Preparation:**

Wood must be sanded with a 120 or 150 grit paper and free of dust and all contaminants. Before the application of the topcoat, the V-Primer must be sanded with a 280/320 grit paper. This primer must not be applied over metal, old oil finish or nitrocellulose lacquer.

**General Information:**

Agitate material before use. Keep under mixing to ensure product consistency. Apply one or two coats. A good sanding between coats with a #280/320 grit paper is necessary to obtain a good adhesion. This product could be catalyzed to enhance sanding properties but system must be evaluated and approved by AkzoNobel before going in production. For any information, contact your sales representative. If catalyzed, topcoat must be applied within 8 hours of sanding. Never apply more than 5 mils wet in one coat. Dry film thickness of V-Primer should not exceed 2 mils dry. Total dry film thickness of system should not exceed 5 mils dry.

To obtain complete cure, the primer must be applied at a temperature above 18°C and relative humidity below 65%. When drying, this product is not to be exposed to ammonia vapors. Finished surface must not be cleaned with ammonia containing products.

Topcoats to use over 546-7257: 131-50XX, 131-51XX, 131-82XX, 117-30XX, 117-32XX, 421-67XX, 431-30XX, 484-6XXX, 421-72XX.

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 (68°F)	Forced Drying Schedule (122°F)
<b>Tack Free Time:</b>	45 - 60 minutes	Flash off before entering oven
<b>Dry to Sand:</b>	60 - 90 minutes	45 - 60 minutes
<b>Dry to Stack:</b>	3 - 4 hours	1 - 2 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.

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