

## 522-2500 CHEMLIFE® 24 PLUS White CV Pigmented Primer

|                                |  |
|--------------------------------|--|
| <b>Product codes:</b> 522-2500 | <b>Viscosity</b> Zahn #2 signature cup 40-44 sec at 25°C |
|                                | <b>Flash Point:</b> 50°F (10°C)                          |
|                                | <b>Density (kg/l):</b> 1.17                              |
|                                | <b>Solid (% by weight):</b> 54.46%                       |
|                                | <b>Solid (% by volume):</b> 36.30%                       |
|                                | <b>Shelf Life (months):</b> 12                           |

### Product Description:

CHEMLIFE 24 PLUS White Primer is a fast drying, acid curing primer for interior use that gives a smooth, dense finish suitable for topcoating to produce very high quality pieces. CHEMLIFE 24 PLUS White Primer provides an excellent base and is extremely easy to sand. Due to its 24 hour pot-life, CHEMLIFE 24 PLUS White Primer provides the customer with minimum waste resulting in lower production costs.

### Uses:

CHEMLIFE 24 PLUS White Primer is designed for hardwoods and MDF. This product offers excellent filling properties as well as excellent vertical hang.

|  |                                |       |
|--|--------------------------------|-------|
| <b>Environmental Data (as supplied):</b> | <b>VOC less exempt lb/gal:</b> | <4.45 |
|  | <b>VOC lb/gal:</b>             | <4.45 |
|  | <b>VOC less exempt g/l:</b>    | <534  |
|  | <b>VOC g/l:</b>                | <534  |
|  | <b>VOC lb/lb Solid:</b>        | <0.83 |
|  | <b>VHAPs lb/lb Solid:</b>      | <0.16 |

### Note:

See individual compliance sheets for specific data

### Application Data

|                               |   |
|-------------------------------|---|
| <b>Suggested Uses:</b>        | Wood Primer   |
| <b>Mixing Ratio:</b>          | 100 parts 522-2500 to 10 part 873-1251  |
| <b>Suggested Uses:</b>        | 24 hours  |
| <b>Application Viscosity:</b> | Zahn #2 signature cup 40-44 sec at 25°C   |
| <b>Reducer:</b>               | 121-803 or 121-8020   |
| <b>Retarder:</b>              | 800-5328 EEP  |
| <b>Clean-up Solvent:</b>      | Lacquer thinner   |
| <b>Recommended Wet Film:</b>  | 5 mils  |
| <b>Coverage:</b>              | 582 sq. ft/gal (14 m <sup>2</sup> /l) at 1 mil dry and at 100% transfer efficiency. Coverage will vary depending on method of application or coating thickness. |

### Note:

N/A

Directions for use:

**Surface Preparation:**

Substrate should be sanded using 120, 150 or 180 grit steared paper. CHEMLIFE 24 PLUS White Primer cannot be used on metal, old oil or cellulose lacquers. A suitable topcoat is CHEMLIFE 24 PLUS White 117-25XX.

**General Information:**

Mix CHEMLIFE 24 PLUS White Primer thoroughly, then catalyze and reduce material as recommended. CHEMLIFE 24 PLUS White Primer must be well mixed while adding catalyst and reducers and must be agitated at all times to ensure product consistency.

CHEMLIFE 24 PLUS White Primer is applied in one or two coats and can be used as a primer for most wood and wood products meant for indoor use. A thorough sanding using 240/320 grit steared paper between coats is essential for adhesion. The second and subsequent coats must be applied the same day as the previous coat is sanded. Care should be taken to avoid sanding through the primer coat. With profiled edges, care must be taken with sanding of primer to avoid sanding through sharp edges. Complex profiles or profiles with sharp corners may cause difficulties in obtaining an effective primer coat of even thickness. In these cases, profile design must be discussed with your technical representative. Contact with metal surfaces should be avoided once the CHEMLIFE 24 PLUS White Primer has been catalyzed. To ensure proper uniformity, the material should be agitated at all times. Recommended film build of CHEMLIFE 24 PLUS White Primer is not to exceed 4 mils dry. Total recommended film build of CHEMLIFE 24 PLUS White Primer and CHEMLIFE 24 PLUS White is not to exceed 6 mils dry.

CHEMLIFE 24 PLUS White Primer must not be polluted with oil, varnish or the like and must not be sanded with steel wool between the coats. CHEMLIFE 24 PLUS White Primer must not be used and dried at temperatures below 18°C or relative humidity above 65%. During the curing process, the coating must not be exposed to ammonia vapors. Ammonia cleaners should not be used for cleaning the finish surfaces. This may accelerate discoloration.

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:**

|                        | <b>Room Temperature<br/>(20°C / 68°F)</b> | <b>Forced Drying Schedule<br/>(50°C / 122°F)</b> |
|------------------------|---|--|
| <b>Tack Free Time:</b> | 10 – 15 minutes                           | Flash off before entering oven                   |
| <b>Dry to Sand:</b>    | 1 hour                                    | 4 hours  |
| <b>Dry to Stack:</b>   | 30 minutes                                | 60 minutes                                       |

**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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