

Description

HELIO LAC Water White Lacquers are high quality lacquer products formulated for use on interior wood products. When properly applied as a self-seal system or with its companion product Water White Sanding Sealer, the film properties of this system provide a tough durable finish.

They are formulated for 680 VOC applications and manufactured ready-to-spray. These products are HAPS compliant.

Features

- Fast Dry – For Easier Handling & Quicker Recoat
- Easy-to-Apply
- Excellent Clarity & Sanding Properties

Companion Products

- HELIO LAC WW Sanding Sealer

Product Information

| Physical Properties | | Clear | Application: | Spray |
|---------------------|--|---------------------------------------|----------------------|---|
| Type: | | Nitrocellulose | Shelf Life: | One year from the manufacturing date. |
| Viscosity: | | 17-19 secs. Signature Zahn #2 | Storage: | Store in a cool, dry place. Close all containers after use. Do not store near heat or sparks. Spills should be cleaned up with non-sparking tools. See the product MSDS for complete safety information |
| Solids (wt. %): | | 25.0 ±1.0 (Formulated) | D.O.T. Class: | Paint, Hazard Class:3 I.D. Number: UN1263 Packaging Group: II |
| Solids (vol. %): | | 17.8±0.5 ¹ | Special Precautions: | These products are recommended for professional application and are designed for interior use only. |
| Reducer: | | If Required use Acetone (max. 5%) | | |
| Air Dry: | | 15 min. touch; 25 min. recoat | | |
| Catalyst: | | NA | | |
| Density: | | 7.49±0.1 lbs./gal. ¹ | | |
| VOC: | | 3.33 lbs./gal. / 400 g/l ¹ | | |
| AIMs VOC: | | 5.09 lbs./gal. / 610 g/l ² | | |
| VHAP (wt.): | | 7.5±0.2 ¹ | | |
| VHAP Ratio: | | 0.30 (# VHAP / # NVM) ¹ | | |
| HMIS: | | 3, 3, 0, X | | |

NOTE: All information provided is typical (as formulated) and will not represent exact values for every product.

The information contained herein is based on tests and reports considered reliable but is presented without guarantee or responsibility as to the applicability or correctness of this information of the suitability of our products whether used singly or in combination with other products. The products referred to above are sold without warranty, express or implied.

¹Data found on the standard format CPDS, and calculated using NESHAP required Method 24 testing. VOCs are calculated as applied – subtracting the exempt solvents by weight only. Receipt of this document does not replace or supercede CPDS documentation.

²AIMs calculation of VOC – exempt solvents subtracted by weight and volume.

³Passes KCMA under laboratory conditions when applied as specified. Individual systems and applications vary and may require specific testing to verify results under different conditions.

Finishing Recommendations

Wood Preparation:

For best results, maple and birch should be sanded up to 180 grit sandpaper before continuing with finishing procedures. Other substrates should be sanded appropriately before finishing. Use silicon carbide paper only. Wood should be clean and dust-free with a moisture content of 6 – 8% prior to finishing. Proper sanding and preparation of the substrate is critical to achieving consistent results.

Water White Sealer:

Agitate Water White Sanding Sealer well before use, then apply the seal coat in one smooth, even application of 3 – 4 mils wet film thickness. Alternately select the proper sheen of Lacquer Topcoat, agitate well and apply as the seal coat. After 25 – 30 minutes dry time, depending on ambient conditions, machine sand (for best results) or hand sand with 240 – 320 grit, stearated silicon carbide sandpaper.

Water White Lacquer:

Choose the appropriate sheen and agitate well. Verify the surface is clean and dust-free then apply an even, wet coat of four (4) mils.

Subsequent Coats:

If additional coats are needed, wait 25 – 30 minutes between applications then scuff-sand for best results, with 280 – 320 grit stearated silicon carbide sandpaper and re-coat.

Additional Finishing Notes:

Total dry film thickness should not exceed four (4) mils. All products should be stirred well before use and, for best results, continuously agitated while in use. Do not mix with other finishing systems. Nanochem will not be held liable for finish failure resulting from mixing products or systems.

Cleanup:

Use lacquer thinner to clean equipment. Dispose of dirty solvent and cleaning rags in a safe and appropriate manner. Solvent or lacquer soaked rags should be stored in water-filled, closed containers prior to disposal.

Warning:

Always pre-test the system on your substrate and line conditions to verify suitability and avoid costly refinishing. Care should be taken to keep ambient temperatures above 65° F for substrate and coating. Abnormal conditions of temperature and humidity may adversely affect product performance.

Cleaning Finished Products:

For general care and maintenance of all Helio finishes, the following procedure is recommended: Clean with warm water using a clean cotton towel or rag. To obtain the longest product life possible, use of soaps, cleaners, solvents, waxes, ammonia, and other household chemicals should be avoided. Refrain from using paper products to clean wood finishes.

Available Sheens:

527T9.001.x Gloss
527T6.001.x Semi Gloss
527T4.001.x Satin
527T2.001.x Dull

DISTRIBUTED BY:
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MSDS & CPDS Sheets Available Upon Request

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