

Description

HELIO LAC RTS Black Primer is formulated for optimal performance on a variety of substrates used in interior finishing. It is designed for quick build and enhanced moisture resistance. When properly applied as a primer with an appropriate topcoat, the film properties of this system provide a tough, durable finish that passes all KCMA requirements. Black Primer is formulated for 680 VOC applications and manufactured ready-to-spray. This product is HAPS compliant.

Features

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

Companion Products

- HELIO LAC Precat Topcoats
- HELIO LAC Conversion Varnishes

Product Information

Physical Properties	Black	
Type:	Nitrocellulose/Vinyl/Urea	Application: Spray
Viscosity:	20-25 secs. Zahn Sig. #2	Shelf Life: One year from the manufacturing date.
Solids (wt. %):	22.2 (Formulated)	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 (vol. %):	14.8±0.5	D.O.T. Class: Paint, Hazard Class:3 I.D. Number: UN1263 Packaging Group: II
Reducer:	NA	Special Precautions: These products are recommended for professional application and are designed for interior use only.
Air Dry:	10 min. touch; 20 min. recoat	
Catalyst:	NA	
Density:	7.48±0.1 lbs./gal.	
VOC:	3.50 lbs./gal. / 420 g/l	
VOC(minus exempt):	5.42 lbs./gal. / 650 g/l	
VHAP (wt.):	5.2±0.2% ¹	
VHAP Ratio:	0.25 (# VHAP / # NVM) ¹	
HMIS:	3, 3, 0, I	

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 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. Users assume all responsibility for loss or damage arising from the use of our products whether used alone or in combination with other products.

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 supersede 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.

Primerr:

Agitate well before use, then apply the seal coat in one smooth, even application of 3 – 4 mils wet film thickness. After 20 – 30 minutes dry time, depending on ambient conditions, machine sand (for best results) or hand sand with 240 – 320 grit, steared silicon carbide sandpaper.

Topcoat:

Choose the appropriate topcoat 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 20 – 30 minutes between applications then scuff-sand with 280 – 320 grit steared silicon carbide sandpaper and re-coat. A total of three coats (one sealer and two topcoats) will be necessary to pass KCMA test requirements.

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. Do not recoat after a weekend, off-shift, or other time delay without scuff sanding.

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.



MSDS & CPDS Sheets Available Upon Request

DISTRIBUTED BY:
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