



Low VOC Vinyl Catalyzed Lacquer

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Product Data Sheet

84 Series LVH-108 Satin Flat Low VOC Hi-Solids Vinyl Catalyzed U/V Lacquer

**Description** LVH-108 is a fast drying Low VOC Hi-Solids Vinyl Catalyzed Lacquer Topcoat with UV blocker. It is designed to be used with LVH-100 Chemlac Vinyl Sealer. This compliance lacquer has exceptional build and toughness when applied as recommended. It is suitable for use on all wood surfaces.

**Specifications** Below data pertains to product catalyzed per instructions - without any further additions:  
Weight per Gallon: 7.86 Coating VOC: 550 G/L 4.58 Lb/gal  
Solids by Weight %: 35.729 Material VOC: 445 G/L 3.71 Lb/gal  
Solids by Volume %: 27.137 VOC Weight Ratio = 1.32 Lb VOC/Lb Solid  
Coverage @ 1 mil 452 SqFt./Gal. Viscosity: 25 ± 3 Seconds Zahn 2  
Gloss @ 60 Deg = 20 ± 5



**Surface Preparation** Apply over properly sanded wood surfaces. Ensure that any stains used are compatible. Surfaces must be clean and free of dirt, grease and water. Remove any wax or old finish.



**Mixing & Thinning** Catalyze Topcoats at the rate of 4 fluid ounces of LVC-4 Catalyst per gallon of Lacquer. For Sealers LVH-100 and LVH-109 catalyze with 3 fluid ounces per gallon. Average pot life after adding catalyst is 24 hours. After catalyzing, lacquer is at application viscosity. No additional thinning is required or recommended. However, if the applicator should find it necessary to thin the material, we recommend thinning with Acetone only, as this will not increase the VOC content. Check local air quality regulations before using any other thinners. Thoroughly mix the material by stirring or shaking prior to application.



**Application & Dry** This Low VOC Vinyl Lacquer is designed for spray application only. It may be applied with conventional, airless, air-assist airless or HVLP spray equipment. NOTE: because of the nature of the drying process, it is recommended that all steps of the coating operation be completed within 48 hours. (It is best to get all coats applied the same day). Whereas laboratory testing has not shown any recoat window there is a small chance of lifting and wrinkling of partially dried coats if subsequent coats are applied after 48 hours and before about 10 days. We recommend total film thickness of 2 - 5 mils DFT.



**Performance & Durability** Low VOC Vinyl lacquer forms a tough and durable finish coat with exceptional resistance to moisture. This is designed as a water white quality lacquer. Note: whereas any nitrocellulose lacquer system will yellow with a time, R.J. McGlennon Co. recommends using this water white system over natural, light or white stains.



**Environmental & Safe Handling** Maximum coating VOC content when applied per instructions is 550 G/L (4.58 Lbs/Gal.). Warning: flammable mixture. Do not use near heat, sparks, flames, or any ignition sources. Do not cut empty containers. Use only with adequate ventilation. Dispose of any product only in accordance with all applicable regulations. See material safety data sheet for full details.

LIMITED WARRANTY

The information contained herein is offered to assist customers in determining whether our products are suitable for their applications. We request that customers examine our products before use and satisfy themselves as to their suitability. We warrant that our products will meet our written specifications. Since application circumstances, substrate condition and product intermix are beyond our control, we cannot guarantee results under all possible situations. R.J. McGlennon Co. Inc. makes no representation as to the results the user will achieve. Technical advice furnished by seller or any seller's agents shall not constitute a warranty. Any liability arising out of any condition resulting from the use of any R.J. McGlennon Co. Inc. product shall be limited to replacement of such product.