



Cardinal UV Products  
U4PA-CLE22

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**UV CURABLE CLEAR TOP COAT UNSATURATED POLYESTER / STYRENE  
FOR FINE MUSICAL INSTRUMENTS**

**DESCRIPTION:** An unsaturated polyester / styrene clear top coat designed to be used on wooden musical instruments. Characteristics include high clarity, high gloss, and excellent leveling and sag resistance. This coating also exhibits a fast cure response, excellent sand-ability, and inter-coat adhesion. Buffing can be readily achieved utilizing 1,000 grit sandpaper, followed by buffing with Menzerna # 18 and 16 compound.

COLOR: Clear

GLOSS: Full Gloss

COVERAGE: Spray 1,013 Sq. ft. per gallon @ 1.0 mil dry film thickness and 100% transfer efficiency.

CHARACTERISTICS: Unsaturated polyester / styrene blend

SOLIDS: 63.2% by volume, 67.7% by weight

VISCOSITY: 20-25 seconds in a #2 Zahn

APPEARANCE: Clear slightly hazy liquid

REDUCTION: Material is ready to spray, can be further reduced with ketone or acetate based solvents if desired.

FLASH TIMES: 15 – 30 minutes between coats and before UV cure.

Application: This coating is designed to be applied in 2 -3 heavy build coats, with UV curing and sanding between. It is important to apply enough coating so that the material can level; applying too little per coat will result in orange peel.

VOC:	Excluding Exempt: 257 gm/l (2.14 lbs/gal) Including Exempt: 229 gm/l (1.91 lbs/gal)
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SHELF LIFE:	3 months @ 75° F
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CURE CONDITIONS:	CURE SPEED	BULB TYPE	NUMBER OF PASSES	POWER
Out of focus at a distance of 1 foot	2 minutes	A	N/A	0.22 Wcm <sup>2</sup>

UV Products - Data Sheet

J11 TL

**IMPORTANT: Warranty and Disclaimer** – The performance characteristics of these product vary according to the product application, operating conditions, materials applied to or use. Since these factors can affect results, we strongly recommend that you make your own tests to determine your satisfaction whether the product is of acceptable quality, has not been affected by storage or transportation and is suitable for your particular purpose under your own operating conditions prior to using any product in full scale production. Seller warrants the products to be free from defects in materials and workmanship. SUCH WARRANTY IS EXCLUSIVE AND IS IN LIEU OF ANY OTHER WARRANTY, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OF FITNESS FOR A PARTICULAR PURPOSE. No representative of ours has authority to waive or change this provision, which applies to all sales of these products

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