

BluSky Armor® 1067 ***Aerospace Clear Laminating Resin***

Product Description

A UV LED light curable laminating resin that cures tack free. This product contains no VOCs. Intended for use as a building lacquer.

Surface Preparation

Clean the area to remove any contamination. Use sand paper or Scotch Brite. Wipe away any dust residue with a solvent like isopropyl alcohol and a lint free cloth. Some primers are okay.

Application/ method of use

Product is stable under typical ambient room lighting for 10 – 30 minutes. Stability can be extended by using filtered lights in the area where the product is used. Recommended filters are 3 mil Kapton films from American Durafilm.

Brush, roll, or dip-coat substrate.

Pass coating under a 395-410 nm (recommended) light for 1 minute.

The coatings can be, but may not be necessary to be, sanded between coatings. Recommended to use non-stearedated 320 grit and up from 3M. After sanding, clean with compressed air and then wipe off with solvent – IPA (91% technical grade).

Repeat until desired coat is obtained.

After the last layer is cured surface can be polished/buffed 5 minutes after the light is turned off.

Other UV light sources may be used with variable results.

Product may not be mixed with other filler products.

Physical Properties:

Pencil hardness	ASTM D3363	6H
Adhesion to wood veneer	ASTM D3359-09	Class 58
MEK Double Rubs	ASTM D5402-93	200+
Alcohol (IPA)		200+
Diet Coke		200+
Tensile Modulus	ASTM D638-10	203,000 psi
Strength		4,200 psi
Elongation		7% (2.3)
Shore D Hardness	ASTM 2240-15	60D

Additional information:

Time to tack free	1 min at 70 mW/cm ² .
Solids content	100%
Volatile Organic Content	0%
Cure depth	3 mm

Product Hazards and Safety information:

See MSDS for complete information.

Although the product is VOC free it should be used in a well-ventilated area. If skin contact occurs immediately wash with soap and water.

Harmful if swallowed. Causes skin and eye irritation and may cause an allergic skin reaction. Harmful to aquatic life with long lasting effects. May cause respiratory irritation.

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