

BluSky Armor® 1047 Aerospace Clear Knife Grade Filler Paste

Product Description

A UV LED light-curable filler paste that easily cures tack free in under 120 seconds. This product contains no VOCs. Intended for use as a filler for deep chips and repairs. BluSky Armor® 1047 paste won't flow or move so it can be cured in the exact orientation the user desires.

Surface Preparation

Clean the area to remove any contamination. Use sand paper or Scotch Brite. Wipe away any dust residue with a solvent and a lint free cloth. We recommend 91% isopropyl alcohol for surface cleaning. Some primers are okay to use with the product.

Product Stability

Product is stable under typical ambient room lighting for 10 – 30 minutes.

Stability can be extended to several hours by using UV Protective Films on lights and windows in the area where the product is being used.

Application/ Method of Use

1. Blade the product into the correct orientation at room temperature (>70 °F).
2. Expose the coating to MSI UV curing light for 120 seconds, or until the finish is cured completely tack-free.
3. Sand between coatings with 80 – 320 grit non-steartated sandpaper. After sanding, clean with compressed air and then wipe off with 91% IPA.
4. Repeat until desired coat is obtained.
5. After the last layer is cured, the 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
MEK Double Rubs	ASTM D5402-93	200+
Alcohol (IPA)		200+
Diet Coke		200+
Tensile Modulus	ASTM D638-10	174,000 psi
Tensile Strength		4,060 psi
Elongation		3%
Shore D Hardness	ASTM 2240-15	82D

Additional information:

Time to tack free	1 min at 4 mW/cm ² .
Solids content	100%
Volatile Organic Content	0%
Cure depth	10+ mm

January 2019

email: support@msicoatings.com

Phone: 719.683.3504

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.

Limitation of Liability: The technical data and suggestions for use contained herein are correct to the best of our knowledge and offered in good faith. The statements of this literature do not constitute a warranty, whether expressed, or implied as to the product performance and merchantability for a particular purpose. MSI Coatings may guarantee this product to conform to our standards of quality, and our liability, if any, shall be limited to replacement of defective materials. Any and all technical information is subject to change without notice and it is the responsibility of the end user to verify that they have the most current available technical and safety information.