

MicroCoat UV Cure Product Guide

Product	Polymer Type	Cure Method	Viscosity, cps at 20 °C	Get time at 100 mW/cm2 360nm	Shore Hardness	Application Notes
A54002	Dual Cure UV and Room Temp Cure Epoxy	UV cure two part epoxy	600	UV cure to 1/4" deep in 30 sec and thru cure in 60 minutes.	80D	UV/Room Temp Dual Cure epoxy for potting and encapsulation. Solid Over-cure with UV light and through cures at room temp...even in shadow areas.
A54003-2	One Part UV / Heat Epoxy	UV / Heat	3,000	12 minutes at 250°F	80D	Low Viscosity UV/Heat cure epoxy. Fast set with UV exposure and then finish cure in shadowed areas with modest heat.
A-54101-9	One Part UV Cure	UV	2,500	30 sec.	80D	Glass Adhesive
A-54101-19	One Part UV Acrylic	UV	25	<30 sec.	80D	A fast set, non-yellowing UV cure adhesive for bonding glass, metals and many plastics. Variety of viscosities available upon request.
A-4102	One Part UV Acrylic	UV	1,200	<30 sec.	~70D	UV Cure Wire Tack Compound. A cure lead termination adhesive designed to bond many wire and wire coated substrates to themselves.
A-54103	Medical Grade UV Acrylic	UV	<200	<15 sec.	65D	Fast Track Medical Grade Acrylic
A-54103LV	One Part Med Grade UV Acrylic	UV	1,000	<30 sec.	65D	A fast cure UV adhesive for bonding PVC, polycarbonate, and many engineering plastics. Upon curing, it is a clear, tough and durable material. Passes USP Class VI testing.
A-54104	One Part UV Acrylic	UV	10,000	<30 sec.	85A	A fast cure UV adhesive to bond nylon coated wire [wire tack], paper and other difficult to bond substrates.
A-54106	One Part UV Acrylic	UV	1,000	<30 sec.	60D	Fast UV bond to ferrous metals, circuit boards, ABS, styrene and nylon
A-54107	One Part UV Acrylic	UV	1,000	<30 sec.	80A	Soft and Flexible, UV cure adhesive/potting compound made for use in electronic and mechanical assemblies. Replaces RTV silicones in many applications.
A-54109	One Part UV Cure	UV	2,000	<30 sec.	90A	UV cure Doming product over decals, logos and standard decoupage applications.
A-54110	One Part UV Cure	UV/Visible	10,000	<30 sec.	70D	Thixotropic version of A54103. Adheres to Polycarbonate, styrene and PVC.
A-54124-2	One Part UV Cure	UV	<9,300	<10 sec.	60A	Potting and Doming
A-54124-3	One Part UV Cure	UV	<800	<10 sec.	30A	Potting and Doming
A-54125	One Part UV Cure	UV	Clear Thixotropic Paste	<30 sec.	<<10A	Hyper-Soft and compliant like uncured rubber. Great elongation.
A-54200-2	One Part UV Cure	UV	200	<10 sec.	80D	Scratch Resistant Coating
A-54301-3	One Part UV Cure	UV	1,600	<30 sec.	65D	Fast Tack Glass Adhesive
E-54050	One Part UV Cure Epoxy	UV	11,000	<30 sec.	80D	Rigid and impact resistant UV curable epoxy resin. High Tg and excellent chemical resistance
E-54050-4	One Part UV Cure Epoxy	UV	Thixotropic Paste	30 sec.	80D	Chemical Resistant, No UV Cure Inhibition
E-54050-T	One Part UV Cure Epoxy	UV	<5,000	30 sec.	>89D	Chemical Resistant, No UV Cure Inhibition
E-54051	One Part UV Cure Epoxy	UV	Paste	<60 sec.	90D	Thixotropic version of E54050. Modified to adhere to glass.
E-54052	One part UV Epoxy	UV	Thixotropic Paste	<60 sec.	80D	Thixotropic version of E54050. Cures after the UV light source is removed [Dark Cure].
E-54101	One Part UV Cure Epoxy	UV	250	<30 sec.	95D	Non-Yellowing UV cure epoxy. Excellent overcoat varnish or potting material. Can be made to turn from blue to yellow when exposed to UV light as a QA tool.
E-54106	One part UV Epoxy	UV	1,000	<60 sec.	90D	UV cure epoxy for adhesive and encapsulation work with phenolics and Polyimids.
VLA-54101	One Part UV-Visible Light Cure Acrylic	UV/Visible	1,000	<30 sec.	70D	Good all around UV/ Visible cure adhesive for glass, plastics and metals. Cures under UV or Visible light with wavelengths of 550nm or less..
VLE-54101	One Part UV-Visible Light Cure Epoxy	UV/Visible	250	<60 sec.	90D	Visible light cure version of E54101. Cures at wavelengths of 550nm or less.