

## Blue River Coatings High Performance Acrylic Topcoat

Category : Polymer , Adhesive , Thermoset , Acrylic/Cyanoacrylate Adhesive

### Material Notes:

BLUE RIVER COATINGS HIGH PERFORMANCE ACRYLIC TOPCOAT is a water dispersible acrylic enamel. HIGH PERFORMANCE ACRYLIC TOPCOAT is designed to be a low VOC and EPA compliant coating with excellent coverage and mar resistance. HIGH PERFORMANCE ACRYLIC is an ideal topcoat to replace solvent base acrylic enamel. Environmental Advantages: BLUE RIVER COATINGS HIGH PERFORMANCE ACRYLIC TOPCOAT is considered non-hazardous by EPA definitions and does not contain lead or chromates. The solid and semi-solid sludge produced in spraying and clean up can be flocculated, dried and sent to a "Class B" landfill. Check with local and state regulations for proper handling. Characteristics: Good exterior durability Available in satin to gloss finish Good hardness/impact resistance Water is used for reduction Excellent performance on most plastics Water is used for clean-up Non-Hazardous Air dry or force curing preferred Wide range of colors Coating will not flash rust on bare metal Shelf life of 1 year Unused paint can be returned to container Non-Flammable

Uses: Fiberglass Steel Aluminum Plastic Wood PVC Information provided by Blue River Coatings

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Blue-River-Coatings-High-Performance-Acrylic-Topcoat.php](http://www.lookpolymers.com/polymer_Blue-River-Coatings-High-Performance-Acrylic-Topcoat.php)

Physical Properties	Metric	English	Comments
Specific Gravity	>= 1.00 g/cc	>= 1.00 g/cc	
Density	1.04 g/cc	0.0377 lb/in <sup>3</sup>	
Solids Content	39.2 %	39.2 %	by volume
	43 %	43 %	by weight
Volatile Organic Compounds (VOC) Content	144 g/l	144 g/l	

Thermal Properties	Metric	English	Comments
Boiling Point	169 °C	336 °F	
Flash Point	65.6 °C	150 °F	

Processing Properties	Metric	English	Comments
Cure Time	10.0 min	0.167 hour	Recoat, at 50% humidity
	@Temperature 75.0 °C	@Temperature 167 °F	
	19.8 min	0.330 hour	Dust Free, at 50% humidity
	@Temperature 75.0 °C	@Temperature 167 °F	
	45.0 min	0.750 hour	Dry to handle, at 50% humidity and 75°C
	@Temperature 75.0 °C	@Temperature 167 °F	
Shelf Life	12.0 Month	12.0 Month	

Processing Properties	Metric	English	Comments
Descriptive Properties		Value	Comments
Flexibility		Good	
Pencil Hardness		HB	
Salt Spray		Good	
Solvent Resistance		Good; 20 double rubs	
Theoretical Coverage		628 ft <sup>2</sup> at 1 mil	

## Contact Songhan Plastic Technology Co.,Ltd.

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