

Blue River Coatings Acrylic 4000 Topcoat

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

Material Notes:

BLUE RIVER COATINGS ACRYLIC 4000 TOPCOAT is a hard, flexible, economical coating designed for multiple substrates. BLUE RIVER COATINGS ACRYLIC 4000 TOPCOAT offers good application properties, low foam, good adhesion, and high gloss potential. ACRYLIC 4000 TOPCOAT dries quickly (eliminating excessive grain raise on wood) and provides good sealing to help repel water. The product is designed to work in conjunction with Blue River Coatings Wood Stains and Primers. Environmental Advantages: BLUE RIVER COATINGS ACRYLIC 4000 TOPCOAT is a low VOC (Volatile Organic Compound), performance production coating. It 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 your local and state regulations for proper handling. Characteristics: Low cost coating Good hardness/impact resistance Good Solvent resistance - 20 double rub MEK with little to no effect Excellent water resistance - 1 hour covered water spot test: No spotting or discoloration Good alcohol resistance - 1 hour covered alcohol spot test: 50% isopropyl - slight whitening, 70% isopropyl - slight whitening High solids Available in satin to gloss finish Can be applied in a wide variety of temperature and humidity conditions Air drying or force curing preferred Water is used for clean-up Non-Hazardous Non-Flammable Shelf life of 1 year Uses Wood Steel Aluminum Some Plastics Information provided by Blue River Coatings

Order this product through the following link:

http://www.lookpolymers.com/polymer_Blue-River-Coatings-Acrylic-4000-Topcoat.php

Physical Properties	Metric	English	Comments
Specific Gravity	>= 1.00 g/cc	>= 1.00 g/cc	
Density	1.03 g/cc	0.0372 lb/in ³	
Solids Content	39.8 %	39.8 %	by volume
	45 %	45 %	by weight
Volatile Organic Compounds (VOC) Content	228 g/l	228 g/l	

Thermal Properties	Metric	English	Comments
Boiling Point	93.0 °C	199 °F	
Flash Point	65.6 °C	150 °F	

Processing Properties	Metric	English	Comments
Cure Time	3.00 - 4.98 min	0.0500 - 0.0830 hour	Recoat, at 50% humidity
	@Temperature 75.0 °C	@Temperature 167 °F	
	4.98 min	0.0830 hour	Dust Free, at 50% humidity
	@Temperature 75.0 °C	@Temperature 167 °F	

Processing Properties	7.98 - 10.0 min Metric	0.133 - 0.167 hour English	Comments
	@Temperature 75.0 °C	@Temperature 167 °F	Good handle, at 50% humidity and 75°C
Shelf Life	12.0 Month	12.0 Month	

Descriptive Properties	Value	Comments
Flexibility	Good	
Pencil Hardness	HB	
Salt Spray	Good	
Solvent Resistance	Good	
Theoretical Coverage	638 ft ² at 1 mil	

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