

Blue River Coatings Low VOC Primer Sealer

Category : Polymer , Adhesive , Thermoset

Material Notes:

BLUE RIVER COATINGS LOW VOC PRIMER SEALER is a high quality, single component primer. Performance obtained is equal or superior to that of single component solvent primers. LOW VOC PRIMER SEALER offers good coverage, excellent durability, and ease of application, as well as being a low VOC and EPA compliant coating. Environmental Advantages: BLUE RIVER COATINGS LOW VOC PRIMER SEALER is a low VOC (Volatile Organic Compound), high 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 local and state regulations for proper handling. Characteristics: Excellent exterior durabilityExcellent hardness/impact resistanceExcellent mar and abrasion resistanceExcellent adhesion on plastics and gel coat substratesSolvent resistantCan be applied in a wide variety of temperature and humidity conditions without the use of retardersDistilled water is used for reductionWater is used for clean-upNon-HazardousAir dry or force curing preferredCan be oven bakedWide range of colorsCoating will not flash rust on bare metalShelf life of 1 yearUnused paint can be returned to containerNon-FlammableUsesSteelMetal Corrosion Resistance – ASTM B117, Good corrosion resistance – Pass at 450 hours. Coating was applied at 1 mil dry and allowed to cure for 15 days at ambient temperatures. Additional corrosion resistance can be achieved when the coated is applied with a higher film build.1 mil dry – Pass 250-300 hours2 mil dry – Pass 450 hours4 mils dry – Pass 600 hours6+ mils dry – Pass 750 hoursExterior Exposure Test – Coating was applied to steel panel at 1 mil dry and allowed to cure for 15 days at ambient temperatures. Panel was positioned for southern exposure for an indefinite amount of time. After 24 months exposure, panel does not exhibit any blistering, cracking, spot rusting or delamination of film.Information provided by Blue River Coatings

Order this product through the following link:

http://www.lookpolymers.com/polymer_Blue-River-Coatings-Low-VOC-Primer-Sealer.php

Physical Properties	Metric	English	Comments
Specific Gravity	>= 1.00 g/cc	>= 1.00 g/cc	
Density	1.241 g/cc	0.04485 lb/in ³	
Solids Content	40.62 %	40.62 %	by volume
	43.2 %	43.2 %	by weight
Volatile Organic Compounds (VOC) Content	144 g/l	144 g/l	
pH	7.0 - 8.5	7.0 - 8.5	

Mechanical Properties	Metric	English	Comments
Impact Test	20.3 J	15.0 ft-lb	Reverse/direct on steel

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

Flash Point Thermal Properties	65.6 °C Metric	150 °F English	Comments
-----------------------------------	-------------------	-------------------	----------

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	
	30.0 min	0.500 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	

Descriptive Properties	Value	Comments
Evaporation Rate	Slower than ether	
Pencil Hardness	H-HB; ASTM 3363	
Theoretical Coverage	652 ft ² at 1 mil	
Vapor Density	Heavier than air	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China