

## Blue River Coatings Conversion Coating

Category : Polymer , Adhesive , Thermoset

### Material Notes:

BLUE RIVER COATINGS CONVERSION COATING is a water-based product that eliminates rust by accomplishing two functions at the same time. First, rust is converted to ferric iron, a black organic compound. Second, a coating of clear acrylic is formed over the coated area. The surface that remains after the transformation can be either left black or coated with Blue River Coatings wide range of products for the desired outcome. Product tests have shown that Blue River Conversion Coating has extended the life of equipment or products for several more years after probable replacement. Blue River Coatings Conversion Coating can be used on all rusted surfaces. Environmental Advantages:BLUE RIVER COATINGS CONVERSION COATING 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:Excellent durabilityCan be applied to interior and exterior surfacesFinal coating can be paintedDistilled water is used for reductionWater is used for clean-upNon-HazardousCoating will not flash rust on bare metalShelf life of 1 yearUnused product can be returned to containerNon-Flammable UsesSchools Industrial PlantsHomesFarmsMachineryAutomobilesHeavy EquipmentBoatsToolsRailroadsInformation provided by Blue River Coatings

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Blue-River-Coatings-Conversion-Coating.php](http://www.lookpolymers.com/polymer_Blue-River-Coatings-Conversion-Coating.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.00 g/cc	1.00 g/cc	
Volatile Organic Compounds (VOC) Content	35 g/l	35 g/l	

Thermal Properties	Metric	English	Comments
Boiling Point	100 °C	212 °F	

Processing Properties	Metric	English	Comments
Cure Time	10.0 min	0.167 hour	Dust Free, at 50% humidity
	@Temperature 75.0 °C	@Temperature 167 °F	
Shelf Life	60.0 min	1.00 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	
Flexibility	Good	
Pencil Hardness	HB	

Descriptive Properties	Value	Comments
Salt Spray	Good	
Solvent Resistance	Good	
Vapor Density	Heavier than air	

## Contact Songhan Plastic Technology Co.,Ltd.

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