

## Chesterton 740 Heavy Duty Rust Guard

Category : Fluid

### Material Notes:

**Description:** Chesterton® 740 Heavy Duty Rust Guard is a premium quality corrosion preventative coating designed with user ease of application in mind. It is the perfect coating for those areas of the plant constantly exposed to humidity and corrosive fumes. It protects iron, steel, aluminum and other metals in industrial, automotive and marine applications indoors and outdoors (sheltered) for up to 2 years. Chesterton 740 Heavy Duty Rust Guard is easy to apply, requiring minimum surface preparation. It can be applied by dipping, brushing or with convenient aerosol spray. After thorough removal of loose scale, 740 Heavy Duty Rust Guard can be applied to rusted surface to prevent further corrosion. It can also be applied to rusted surface to prevent further corrosion. It can also be applied directly over Chesterton® 763 Rust Transformer® without a water rinse for an excellent 1-2 barrier system. Chesterton 740 Heavy Duty Rust Guard is long lasting durable. The tough coat deposited with even a single application approaches the performance of many paints.

**Features:** Excellent resistance to acid, alkali and salt air fumes  
Dry wax film  
Self-healing if scratched  
Easy to apply – Easy to remove  
Does not flake or peel  
Provides up to two years corrosion protection under sheltered outdoor conditions  
Withstands up to 2000 hours in accelerated corrosion test (ASTM B117)  
Conforms to United States Military Specifications MIL-C-16173D, Grade 1 and 4

**Applications:** Protects iron and steel from rusting indoors or outdoors for up to two years. Gives long lasting protection for metal, tools, fixtures, parts-in-process, equipment tanks, roofs, structures, machinery tubing, castings, rod, bar and sheet stock. Keeps rust from forming on jigs, fixtures, sheet stock, stampings, parts in storage. Spray on pumps, fittings, valves, and hinges; and area subject to humidity and water exposure. Recommended for lay-up protection on chrome and brass fixtures, engine blocks. Protects automobiles and equipment during overseas shipment. Protects construction equipment, pipe, or machinery stored out of doors against corrosion.

Information provided by Chesterton

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Chesterton-740-Heavy-Duty-Rust-Guard.php](http://www.lookpolymers.com/polymer_Chesterton-740-Heavy-Duty-Rust-Guard.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.900 g/cc	0.900 g/cc	
Solids Content	44 %	44 %	bulk, by volume
	50 %	50 %	bulk, by weight
Thickness	36.0 microns	1.42 mil	Dry Recommended Film
	64.0 microns	2.52 mil	Wet Recommended Film

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	43.0 °C	109 °F	Application Temperature
	79.0 °C	174 °F	
Minimum Service Temperature, Air	-40.0 °C	-40.0 °F	Application Temperature
	10.0 °C	50.0 °F	
Pour Point	79.0 °C	174 °F	

Thermal Properties	Metric	English	Comments
--------------------	--------	---------	----------

Processing Properties	Metric	English	Comments
Dry Time	2.00 hour	2.00 hour	Tack Free
	@Temperature 21.0 °C	@Temperature 69.8 °F	
	12.0 - 24.0 hour	12.0 - 24.0 hour	Complete
	@Temperature 21.0 °C	@Temperature 69.8 °F	

Descriptive Properties	Value	Comments
Auto-ignition temperature	254°C	ASTM D2155
Color	Transparent Brown	
Corrosion Protection:	<2 years	Indoors ad Outdoors (under shed)
Corrosion Resistance	2000 hrs	5% Salt Fog, 38°C (100°F), ASTM B117
Coverage	17 m <sup>2</sup> /l	at 25 microns (1 Mil) DFT
Dry Film	154°C	
Form	Hard waxy film	
Weight Per Gallon	7.5 lbs	

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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