

A range of corrosion preventatives for metal components

Introduction

The Meta-Shield™ rust preventatives range is a specially formulated range of lubricants designed for the protection of metallic parts. Meta-Shield™ rust preventatives are based on a unique blend of high-quality corrosion inhibitors, oils and waxes. Meta-Shield™ rust preventatives safeguard the quality of your metal components during storage and transport, ensuring that your customer receives the product you intended.

The Meta-Shield™ range has also been developed to improve operator safety by offering products using additives with low VOC contents or using water-based technology. Traditional solvent-based products are also available using a premium quality solvent. All products are Barium, Boron and Formaldehyde release biocide free. The products can be applied by spray, dip or brush.

All Meta-Shield™ lubricants use self-healing thixotropic technology, leaving thin film coatings which are easily removed by cleaners.

Features and benefits

- Provides protection against environmental factors during transport and storage
- Superior wetting giving an even coating and reliable protection
- Self-healing thixotropic films provide protection from accidental contact
- Dewatering additives remove harmful moisture
- Low VOC and water-based products negate legislation against vapours without any subsequent decrease in performance
- Barium, Boron and Formaldehyde release biocide free
- Easily applied by several methods, spray, dip, brush, etc.
- Supplied in 205L drums and 1000L IBCs.

Global specialists in high-performance lubricants

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The Meta-Shield™ Selector Chart

Product Range	Comments	Length of Indoor protection	Film Thickness (μ)	Dewatering	Water based	Low VOC
Meta-Shield™ WX1200	Water-based dispersion of waxy corrosion inhibitors. Supplied as a ready-made emulsion	> 30 months	15	N/A		
Meta-Shield™ WX600	Water-based dispersion of waxy corrosion inhibitors. Supplied as a ready-made emulsion	12 months	4	N/A		
Meta-Shield™ W1000C	Dilutable concentrate designed for optimum performance at 20%. Forms a stable emulsion. Low concentrations can be used for short-term/cleaning operations	2-6 months	1.5-3.0	N/A		
Meta-Shield™ W1000D	Prediluted/Ready to use version of Meta-Shield W1000C	6 months	3	N/A		
Meta-Shield™ W500	Fully synthetic corrosion inhibitor package supplied as a concentrate. Designed for cleaning systems where inter operation/short-term storage is required	< 2 months	<0.5	N/A		
Meta-Shield™ S1000	Greasy/self-healing film, low VOC solvent-based, dewatering RP for short-term indoor protection	1-3 months	1			
Meta-Shield™ S1010	Greasy/self-healing film, low VOC solvent-based, dewatering RP for medium-term indoor protection	3-6 months	2			
Meta-Shield™ S1020	Greasy/self-healing film, low VOC solvent-based, dewatering RP for longer-term indoor protection	9-12 months	3			
Meta-Shield™ S600	Greasy/self-healing film, solvent-based, dewatering RP for short-term indoor protection	1-3 months	1			
Meta-Shield™ S610	Greasy/self-healing film, solvent-based, dewatering RP for medium-term indoor protection	3-6 months	2			
Meta-Shield™ S620	Greasy/self-healing film, solvent-based, dewatering RP for longer-term indoor protection	9-12 months	3			
Meta-Shield™ S650	Waxy film, solvent-based, for long-term indoor and medium-term covered outdoor protection	> 30 months	8			

Pack sizes

All Meta-Shield™ products are available in 205L drums and 1000L IBCs.

The product information in this publication is based on knowledge and experience at the time of printing. There are many factors outside our control or knowledge which affect the use and performance of our products, for which reason it is given without responsibility.

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