



# RIPO

## Rust Inhibiting Penetrating Oil

Data Sheet

### FEATURES

#### Advantages:

- Thin penetrating liquid which dries to a non-tack film
- Anti-corrosive
- Water resistant
- Easy application
- Multi-purpose
- Can be overcoated with High Build Rust Barrier or Multibond Primer
- Lead and chromate free
- Single pack-ready to use

#### Limitations of Use:

- Not recommended for immersion service
- Not to be used as a lubricating oil

### RECOMMENDED USES

**RIPO is a drying “wetting oil” pre-treatment, for use on hand or power tool cleaned surfaces and sometimes with brush blasted surfaces, prior to application of High Build Rust Barrier coatings.**

RIPO forms a water resistant film and is useful in protecting steel from condensation corrosion, as encountered in particular on:

- Interior of vehicle doors and body panels
- Underside of surfaces on appliances, such as freezers and washing machines
- Marine topsides
- Excellent rust treatment as part of a single pack coating system on; Agricultural machinery and various pieces of equipment, trailers, structural steel

Use RIPO as the first stage in restoring items as listed above. Once cured apply High Build Rust Barrier, followed by Isotal Enamel to achieve long term protective and cosmetic properties.

RIPO can also be used as a long term protective film for stored machined parts, castings, etc. (Film must be mechanically removed or stripped before use if not required.)

### SPECIFICATION DATA

<b>Coating Type:</b>	Oil Based
<b>Colour:</b>	Clear
<b>Packaging:</b>	NZ: 1 and 4 litres Single component
<b>Gloss:</b>	Satin
<b>Mix Ratio:</b>	N/A
<b>Pot Life:</b>	N/A
<b>Flash Point:</b>	24°C
<b>Thinner:</b>	Altex Thinner #45
<b>Storage:</b>	Store under cool, dry condition

<b>Density:</b>	0.90 kg per litre
<b>VOC:</b>	610g per litre
<b>Volume Solids:</b>	30%
<b>Temperature Resistance:</b>	80°C Dry
<b>Theoretical Coverage Rate:</b>	30 sq metres per litre at 10 microns dry
<b>Recommended Film Thickness Per Coat:</b>	33 microns wet to obtain 10 microns dry
<b>Application:</b>	Brush or spray
<b>Dry Times (10 µm DFT / 25°C / 50% RH):</b>	
Touch Dry:	4 Hr
Dry to Recoat:	Overnight

## SURFACE PREPARATION

All surfaces must be dry and free of all oils, grease, dirt, all loose corrosion and unsound coatings. Preparation is listed in order of effectiveness:

1. Power tool clean to SSPC SP3
2. Hand tool clean to SSPC SP2

Power tool cleaning to SP3 means the removal of loose mill scale, loose rust and loose paint using power grinders, sanding discs, needle guns etc to achieve a pronounced metallic sheen, and be free of grease, dirt, salts, and other contaminants. The exposed steel should show a clearly visible profile.

Hand tool cleaning to SSPC SP2 requires the same level of surface preparation as SP3 using hand tools-scrappers, emery paper, sandpaper etc.

### **Machined Parts:**

Where mechanical parts are to be protected by RIPO, surfaces must be dry and free of oil and grease.

*Note: RIPO is not a lubricant.*

## DIRECTIONS FOR USE

### **Mixing:**

No mixing required.

### **Thinning:**

Thinning is not required or desired.

### **Application:**

RIPO can be applied by conventional air spray equipment, brush or wiped on with a clean lint free cotton cloth.

Where RIPO is to be topcoated with High Build Rust Barrier, only apply enough RIPO to wet the surface.

Excess should be removed by wiping off with a clean lint free cloth.

Suggested spray equipment:

### **Conventional Air Spray**

1.0mm to 1.4mm Fluid tip with appropriate air cap.

### **Airless Spray**

Not recommended.

(Note: The above is a guide. Other equipment to the above may be used.)

Due to its near "water-like" consistency RIPO may also be applied using a solvent resistant hand pump spray pack.

### **Clean-up:**

Use Altex Thinner #45.

## PRECAUTIONS

For industrial use only: Read and follow all the caution statements on this Product Data Sheet, the product label and the Material Safety Data Sheet (MSDS) for health and safety information prior to use.

RIPO is flammable. Keep away from heat, sparks and open flame. Use with adequate ventilation. May cause eye and skin irritation. Do not breathe vapour or spray. Wear suitable protective clothing such as gloves and eye and face protection.

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