



# Technical Data Sheet

## ProCoat 1B

Biodegradable Dry Film Corrosion Inhibitor

### Description:

ProCoat 1B is a water-based corrosion inhibitor. This product will plate out on metal surfaces, displace water and form a dry corrosion preventive film. This anti-corrosion film is transparent, non-staining and upon drying forms a durable hydrophobic coating that will not wash off with water. ProCoat 1B is recommended as a surface conditioner prior to applying thread compounds to threads and can be applied to wet parts, replacing the need for solvent-based dewatering fluids. ProCoat 1B shows outstanding rust and corrosion resisting properties when exposed to harsh environments. ProCoat 1B forms extremely water-resistant thin films giving superior long term metal protection in harsh salt environments as well as in 100% humidity conditions.

### Advantages:

- Deposits extremely thin hydrophobic films
- Easily cuts back in cold water
- Thin film formation allows fast drying
- Film is easily removed with alkaline cleaner
- Excellent shelf-life and long-term stability
- Can be applied on wet parts without loss of effectiveness

### Physical Properties:

Color .....	Gold liquid
Specific Gravity .....	1.0
Density .....	8.3 lb./gal
Flash Point .....	None
Boiling Point .....	212°F
Solubility .....	Soluble in water
Maximum Recommended Storage Temp .....	52°C or 125°F
Shelf Life .....	2 years

### Testing:

#### Low carbon cold rolled steel panels

Application Method .....	Dip
Average film thickness (by weight, um).....	.3
Humidity Cabinet (ASTM D1748) Hours to failure.....	500

### Ordering Information:

21B05.....	5 Gal. Drum
21B55.....	55 Gal. Drum
21B275.....	275 Tote
21B325.....	325 Tote

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