



Raj Group

ARE YOUR
PRECIOUS
FINISHED COMPONENTS
PROTECTED ?



“ WE WOULD BE GLAD TO OFFER RUST PREVENTIVE SOLUTIONS ”



RUST PREVENTION SOLUTIONS

Today, manufacturers who work with metals want one thing from rust preventive (RP) technologies: the assurance that their metal products will arrive at their destinations free of rust or stain. But environmental concerns and competitive pressures have complicated that challenge for blenders and formulators in recent years with additional, more complex requirements. Today's RPs are frequently expected to:

CURRENT INDUSTRY REQUIREMENT

- Be compliant with the divergent standards & availability requirements of a global market.
- Be compatible with a wide range of metal substrates.
- Eliminate workplace and disposal hazards associated with heavy metal exposure.
- Reduce the processing time associated with cleaning protective films.
- Deliver competitive advantage by providing exceptional resistance to salt spray and other corrosive challenges.

MARKET CHALLENGES

- In process rust protection of components.
- Cleaning or surface treatment before application of final coat of rust preventives.
- Multi-metal compatibility of rust preventives.
- Protection during transit.
- Acid fume resistance.
- Improved salt spray performance as thinner films are preferred by assembly lines.
- Environmental disposal issues.
- Rust Preventives used as Prelubes for subsequent operations.
- Application of Rust preventives by electrostatic deposition.

CONCLUSION

Steel manufacturers, metal fabricators, and parts manufacturer typically coat metal coils, sheets, and components with a rust inhibiting film to prevent exposed surfaces from rusting during shipment and storage. In addition, when metal components are being machined, they may need to be coated multiple times to prevent exposed surfaces from rusting between processes. Traditional rust preventives have failed to keep pace with increasing performance demands, particularly in the areas of salt spray protection, cold temperature stability, and related issues of clean-ability.

The newest chemical approach to temporary Rust Protection technology enables the metalworking fluid manufacturer and customers to achieve exceptional salt spray and cold temperature protection while imparting only a thin film on the treated metals, thereby reducing the time and costs associated with cleaning metals prior to painting and final assembly.

For more Rust protection solutions contact us at mkt_industrial@rajgrp.com.

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RAJ PETRO OFFERS A COMPREHENSIVE RANGE OF RUST PREVENTIVES

SOLVENT BASED RUST PREVENTIVES

- **Kyros Corroban 900 series** are solvent based rust preventives used for dewatering cum rust preventives for the auto component industry.
- **Kyros Corroban 9044 DW** are solvent based rust preventives formulated to meet the requirements of tube industry.
- **Kyros Corroban 823 DX** is a premium solvent rust preventives designed for the auto component industry.
- **Kyros Corroban 1183 DX** is a premium solvent based rust preventive designed to meet the requirements of sintered components industry.
- **Kyros Corroban DW series** are waxy film rust preventives for export requirements of auto component industry.
- **Kyros Corroban TX 5140 LV** is designed to meet the stringent requirements of the cold rolled steel industry.
- **Kyros Corroban 9074 DW** designed for long storage protection of bearings.

DELIVERING COMPETITIVE ADVANTAGE

The ability to ensure customers of exceptional corrosion protection and stain resistance using a thin film RP is a compelling advantage in today's competitive global arena. This new chemical approach offers two additional benefits that can improve profitability:

- The ability to deliver multiple performance levels
- Compatibility across a wide range of diluents & metals