

Rust Proof Compound

Soft Film Rust Preventive



Product description

Rust Proof Compound is a soft film rust preventive for relatively long-term protection of iron and steel. Formulated from a high melting point petrolatum and a special rust inhibitor system with penetrating and water displacing capabilities. Rustproof Compound L is the softer of the two products and contains a petroleum solvent to make application easier.

Customer benefits

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- **Superior long-term rust protection**
Petrolatum and special additive system forms a non-hardening, self-sealing film to protect surfaces against the elements. Good water displacing capabilities ensures that the protective film is also waterproof. The special rust inhibitor system ensures maximum protection against corrosive attack. Good penetrating characteristics ensure difficult-to-reach seams and crevices receive effective corrosion protection.
- **Requires minimum surface preparation**
Ability to penetrate existing flaky or heavy rust means that little or no preliminary cleaning of metal surfaces is required before application. This penetrating ability makes existing rust easier to remove, should it be considered desirable to do so for a better or more economical job.
- **Minimum cost system**
Self-sealing properties of the protective film minimizes the need for touch-ups when film damage occurs through scratches or brush marks. The overall cost of this soft film rust protection is much less than ordinary paint.
- **Easy removal**
Soft protective film is readily soluble in petroleum solvent or kerosine to enable easy removal when required.

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Applications

- Iron and steel exposed to atmospheric conditions before, during and after manufacturing into finished parts.
- Undercoating of vehicles.
- Transformer casings.
- Bridges and floating bridge pontoons.
- Storage vessels (non-food).
- Non-potable water tanks.
- Ballast tanks.
- Gas holders.
- Hoisting equipment.
- Farm implements.

May be applied by brush, dip or spray.

Minimum application temperature, °C		
Grade	L	H
Brush	18	27
Spray	38-55*	55-66*
Dip	-	65-80*

**Depending on ambient temperature*

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Typical test data

RUST PROOF COMPOUND		
Grade	L	H
Product Code	530801	530800
Drop Melting Point °C	63	69
Flash Point, COC, °C	-	240
Flash Point, PMCC, °C	65	-
Penetration, Undisturbed @ 25°C	280	140
Solvent Content, m %	20	Nil

9705

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Service considerations

The length of time effective rust protection will be afforded by Rust Proof Compound depends on the severity of exposure. Experience, however, shows that outside structures completely coated should not require re-coating before three years, particularly if bad spots are retouched during the first year, which is always good practice. Machinery in covered storage is protected indefinitely. In other locations, where material is exposed to corrosive conditions of various types, re-coating may be necessary more frequently.

Application can be over rust, scale, paint, or other rust proofing materials. However, it will be easier to apply, and longer-term protection will be obtained if heavy rust and other deposits are removed prior to application.

Rust Proof Compound L should not be heated above 55°C. If the required consistency cannot be obtained by heating, it can be thinned with Stoddard Solvent to any consistency for easy application. The maximum heating temperature for Rust Proof Compound H is 80°C.

Spraying of Rust Proof Compound L can be accomplished with conventional pressure feed, air-atomizing spray equipment. Where indoor spraying is to be performed, the use of airless spraying equipment is recommended. Coverage on flat surfaces will vary according to the surface and the application. Thick films always give better protection than thin films. Normally coverage per litre for various film thicknesses are:

Film Coating Thickness	Coverage – Rust Proof Compound (Square Metres / Litre)	
Grade	L	H
Thick (3 mm)	0.27	0.34
Thin (0.2 mm)	4.0	5.0

Rust Proof Compound is not suitable for use on surfaces carrying pedestrian or vehicular traffic.

ENVIRONMENT, HEALTH, and SAFETY. Information is available on this product in the Material Safety Data Sheet (MSDS) and Customer Safety Guide. Customers are encouraged to review this information, follow precautions, and comply with laws and regulations concerning product use and disposal. To obtain a MSDS for this product, visit the Product Information Center.

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Chevron company product

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