Rust Proof Compound

Efficient performance metal protective

Product Data Sheet

Product description

Rust Proof Compound is an efficient performance metal protective. Formulated with petrolatum and robust additives, it provides a soft but tough film.

This highly durable product displaces moisture and penetrates and arrests existing rust and corrosion and provides long-term surface protection. Rust Proof Compound H provides a hardness level of equivalent to an NLGI 5 grease and can be heated for application by brush or immersion. Rust Proof Compound L is softer, at approximately NLGI 2, does not require heating, and can be applied by brush or airless spray gun.

Customer benefits

- Waterproof, non-hardening, self-sealing film
- Creeps into seams for maximum surface protection
- Penetrates and arrests rust and corrosion
- Will not weather, harden, crack, peel, slide or slip

Applications

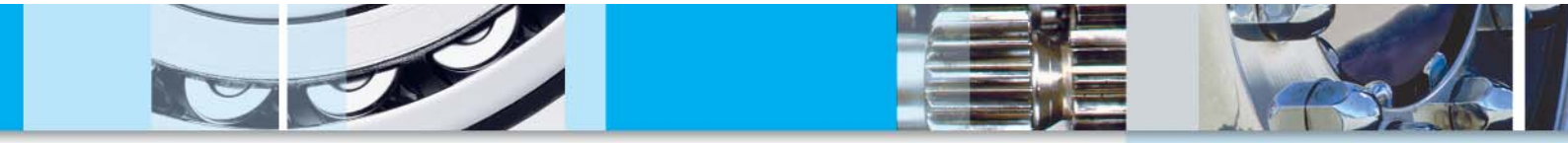
Wherever iron or steel is exposed to the atmosphere, inside or outside, it is subjected to rusting. Rust Proof Compounds can protect against this, before, during and after manufacturing into finished parts. This applies to castings and machinery equipment, structures of various kinds, including the underside of steel roof trusses in buildings, bridges, tanks. Rust Proof Compounds protect:

- **Contractors and Farm Equipment**
  Concrete mixers, metal concrete forms, dozer blades, ploughs, cultivators (when stored off-season) fuel storage tanks, iron gates and fences

- **Heavy Industries**
  Steel and paper mills as well as other heavy equipment (particularly in hostile environments), equipment such as overhead cranes, tanks the undersides of walkways, pipes (where not in contact with personnel) and fabricated equipment in storage. Rust Proof Compounds are widely used to protect bridges by application to all portions except where there is vehicular contact or on walkways.

Product highlights:

- Waterproof, non-hardening, self-sealing film
- Penetrates and arrests rust and corrosion
- Will not weather, harden, crack, peel, slide or slip
- Selected specification standards include:
  - JIS K 2246 NP-6 petrolatum type RPO



Rust Proof Compounds are NOT used to protect the inside of potable water tanks or the internal piping of potable water systems.

- **Aircraft Industry**
  Steel parts such as bolts, nuts, fittings, control cables, machine gun mounts, landing gear, interior surfaces of pontoons, rods, hollow tubing, turnbuckles, engine exteriors, when in storage or in shipment.

- **Automotive Industry**
  A layer of Rust Proof Compound L (if required, the product can be further diluted with Kerosene) is sprayed by using "Airless" type spray equipment. When sprayed, these compounds produce a self-sealing, penetrating, non-hardening film that is waterproof and chip-proof and therefore gives protection against rust by excluding water and air.

  They also penetrate existing rust and prevent further rusting of the surface metal. This film will not harden, crack, peel, slide or chip and will creep into seams and cracks where ordinary undercoating does not.

  Box sections of vehicle bodies, which are poorly ventilated and where moisture can collect, account for most rust damage. The interior of doors, rocker panels and corner posts are not protected by ordinary undercoating and require special protection.

  These points are usually accessible through drain holes or removable plugs and the interior can be sprayed using a small diameter wand attached to the spray gun. Because of the creeping and penetrating characteristics of Rust Proof Compound L, preparatory vehicle underbody cleaning requirements are greatly reduced. This compound can be applied when necessary on a light coating of dirt, oil, grease and ordinary undercoating.

  The surface to be protected should be dry and free of heavy dirt deposits which may be removed by pounding with a rubber mallet or by wire brushing.

- **Chemical Industry**
  Iron and steel structures, inside and outside, tanks and pipes that are normally exposed to moderate chemical corrosion, including acid fumes.

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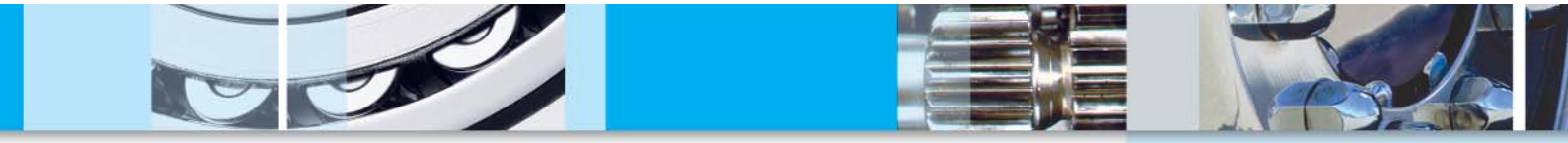

continued

- **Marine services**
  Ballast and deep tanks, interiors of ships' hulls, bilges, void spaces, coal bunkers, chain lockers, bulkheads, interiors of ventilator lines, deck machinery. In shipyards - interior coffer dams on dry docks, cranes.

- **Steel industry**
  All structural parts, finished products for shipment, metal sheets or coils of strip steel, finished bars, shapes, castings, especially where stored outside.

Approvals and performance specifications

Performance specifications

- JIS K 2246 NP-6 petrolatum type RPO

Typical test data

RUST PROOF COMPOUND TEST	TEST METHODS	RESULTS	
Product Name		H	L
Product Code		530800.3	530801.3
Appearance	Visual	Brown	Brown
Flash Point, COC, °C	ISO 2592	>218	>52
Density, 15 °C, Kg/l	ASTM D1298	0.928	0.901
Penetration unworked			
- at 25 °C mm/10	ISO 2137	150	260
Solvent %	ST0127	-	15
Solvent Type	-	-	Kero

The information given in the typical data does not constitute a specification but is an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved. This supersedes all previous editions and information contained in them.

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