

RUST-X USA

Technical Datasheet

Product: RUST-X Cold Zinc Galvanizing
Grade: Zinc Galvanizing Spray

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Product Description

Many of the metallic parts, components, and finished machines produced by the manufacturing industries may have bare metal surfaces which require to be protected until brought into use, or receive interstate protection prior to further assembly or processing. They may be finished metallic parts, which need to receive some form of protection from corrosion during shipping or storage, or they may require some form of protection from corrosion whilst in use.

RUST-X range of sprays provide rust prevention with highly effective corrosion protection properties protecting against elements such as moisture, salt water rust and other corrosive media.

RUST-X Cold Zinc Galvanizing Spray is a Zinc rich, cold galvanizing coating that provides corrosion protection to ferrous metal surfaces. It exhibits long term corrosion protection comparable to hot-dip galvanization and also due to sacrificial an oxidization. It is also used as a touch up spray for galvanized surfaces damaged due to cutting, drilling and welding.

RUST-X Spray has a long-lasting resistance to weathering and to chemicals. it is very easy to polish. Clear Coat has a very smooth flow. It is especially used for larger surfaces (Bike & car parts).

The product has a high flash point and can be used for protection of Cold Rolled Steel, Engine Components, as well as large equipment where indoor open storages are required.

Product & Application Images



Suitable For

- Used on damaged galvanized surfaces, steel structures,
- Cable trays, GI gratings, GI steel pipes and tubes
- Telecommunication towers
- Automobile underbodies and parts
- Off shore steel structures
- Power plant and sub-station equipment etc.
- Cold galvanization paint for metalsurfaces
- Allows depositing of metallic zinc coating which protects against oxidation and corrosion
- May constitute a sub-base key for fixing lacquers
- Applied as paint onto iron, steel, galvanized sheet iron, woodwork, roof coverings, piping etc

Features

- Meets requirements of MIL & ASTM standards.
- Zinc purity >97%
- Quick dry- Dry to touch in less than 20 minutes.
- Forms a tough anti-corrosion, moisture proof, non-reactive protective coating.
- Excellent protection against corrosion.
- Outstanding weather resistance.
- Keep away from sources of heat and ignition.

Application Method

- Shake can well before use
- Spray from a distance of 15-30 cm
- Ensure the surface to be treated is free from dust, dirt, oil and grease.
- Apply as a thin film by brushing or wiping onto a clean dry surface.
- The storage temperature should be controlled between +1°C and +40°C.
- Do not spray on flame or ignited materials.
- Do not spray without shaking the can as the dense zinc powder may clog the valve.
- Ensure substrate is free from loose rust, scale, grease, oil, water/ moisture and dirt.

Properties

Physical Properties	Value
Color	Semi bright/Flat silver grey
Drying time, to touch, min	< 10
Drying time, to handle, min	< 30
Drying time, to recoat, hours	NLT 24
Coating thickness, single coat, microns	20
Full Cure, hours	24
Coverage/can, sq ft., average, 1 mil coating	
Salt Spray Corrosion (ASTM B117), hours	NLT 1000

Packaging

300 gm per bottle

Disposal

Wastes should be disposed off in accordance with local regulations.
Recommendation: Do not allow product to reach sewage system.
Disposal must be made according to official regulations.
Packaging that may not be cleansed must be disposed off in the same manner as the product.

Safety Information

RUST-X Rust Preventive Oils do not contain Lead (Pb), Mercury (Hg), Cadmium (Cd), Hexavalent Chromium (Cr6), Polybrominated biphenyls (PBB), or Polybrominated di-phenylether complying with the re-restricted substances listed in Article 4(1) of the RoHS Directive. RUST-X Rust Preventive Oils are also REACH Compliant for exports to the European Union.

Declaration

This Data sheet and information it contains is considered to be accurate at the date of printing. No representation or warranty, expressed or implied is made as to the accuracy or completeness of the data and information contained in this publication. It is the User's obligation to evaluate and use products safely and within the scope advised in the data sheet and to comply with all applicable laws and regulations

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