

Prevent welding, bolt & nut fastened areas from rusting !

Rust Preventive 919

“Rust preventive 919” is 1-component and quick-drying type rust preventive primer made out of specially modified acrylic resin. It prevents rust caused by direct contacting between metal surfaces in areas such as the welded, fastened bolt and nut for a long time; eventually, workability will be remarkably improved, as no conventional rust preventive oil needed. It can be used as an adhesiveness agent for a variety of top coatings. It can also be applied to materials with difficult adhesiveness, such as aluminum, goods treated with alumite.



Color Clear

Objective

Rust prevention of metal surface.
Strengthening of adhesiveness between substrates and coatings.

Applications

- Rust prevention of ground area for welding.
- Rust prevention of metal mold, agricultural tool, metal cutting machine tool.
- Re-coating automobile spare parts (bonnet, trunk, door).
- Rust prevention of distribution board, welding area, metal substrate.
- Enhancing of adhesiveness of a variety of coatings, Protecting penetration.
- Temporary rust prevention in the wake of welding.

DIRECTIONS for use

①Prior to application

Remove dirt like oil, dust, moisture, etc. by using lacquer thinner after metal surface is ground. Make sure that other areas than ones where Rust Preventive 919 is to be sprayed should be covered by using a masking tape.

②Apply “Rust Preventive 919” (Room temperature 20°C, Humidity 60%)

Apply evenly one coating at a distance of 15-20cm with spray gun. Make sure that a corner, an edge, and a dent where water pools are fully coated. Carry out the second applying after 2 minutes or so is taken for drying. It is recommended that a spray gun with a nozzle of 1mm diameter is used and amount of coating applied is 60-80g / m² with film thickness being 6-8 μ. If a brush/roller is used, the coating will likely be about twice the above amount. It is recommended to stroke the brush/roller as much as possible before thinly applying “Rust preventive 919” with it.

③Dry and top coat (top coat to be carried out as required)

Undertake top coating according to specifications of it, taking the curing time of 20 – 30 minutes under the normal temperature of 20°C and humidity of 60%.

Notes : 1) Top coat can be applied if the coated substrate is stored at a place where there is less dusty and low humidity for 2-3 days after the rust preventive 919 was sprayed.

2) Use the spray outside of the premises or a place where ambient air can be fully ventilated under the temperature of over 10°C and humidity of less than 80%.

3) Don't spray when strong wind blows and it is dusty.

4) Use lacquer thinner when the film of “Rust Preventive 919” is removed.

Cautions for top coating

- Full and good adhesiveness may not be obtained when it is applied under the low temperature (less than 5°C) or extremely high humidity. In that case, consider coating conditions so as to meet changes in conditions, e.g. warming up the surface of substrate or extending drying time.
- The strength of adhesiveness increases as time elapses, but avoid rough handling of hot dipped zinc-galvanized material in one week or so after it was top coated.
- Form multiple layer coatings, taking flash off time when a lacquer type of coating is applied. Be cautious that hair cracks be brought about when thick coating is made at one time.
- Top coating should be applied after oxide layer is formed in case it is applied to hot dipped zinc-galvanized or electric zinc-galvanized substrate. The yardstick for top coating is the status of the substrate in more than 3 months have passed since it was hot-dipped-zinc galvanized or electric-zinc-galvanized and gloss of the substrate surface is more less lost.

Features

1. Super quick drying, thin film with long last rust prevention.
2. No heavy metals like chromium are included.
3. Can be used as an adhesiveness improver for top coating.
4. Top coating can be applied if the coated substrate should have been left as is for a long time after it had been applied. The maximum permissible period is 3 months, contingent upon a type of coating and ambient and working conditions.