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Long-term corrosion protection

RIVOLTA K.S.P. 325 is a corrosion protection wax for the safe long-term protection of metallic surfaces. A combination of synthetic oils and waxes bound in a synthetic solvent ensures that metallic surfaces remain unchanged even under bad storing conditions.

Even though RIVOLTA K.S.P. 325 guarantees an excellent corrosion protection, the protective film can simply and easily be removed by ordinary cleaning agents.

The property ...

- **excellent corrosion protection**
condensation water test: > 100 cycles
salt-fog chamber: > 360 h
- **adhesive film**
- **excellent material compatibility**
- **free of silicone**

will give the following benefits

- the formed protective film is nearly touch-dry and adheres to different grounds, such as steel, phosphatized and chromated surfaces etc.
The parts which are covered like this are protected safely against corrosion during indoor storing as well as outdoor storing.
- the protective film is resistant to effects of the weather. Rain, condensation does not lead to a removal of the protective layer.
- K.S.P. 325 is compatible with metals and materials resistant to solvents, e.g. paints, plastics and elastomers. K.S.P. 325 is free of acids and resins and does not form any sticky residues.
- K.S.P. 325 is free of silicone and components containing silicone.

RIVOLTA K.S.P. 325
The safe long-term corrosion protection



Long-term corrosion protection

| Long-term corrosion protection on the basis of synthetic waxes and oils, dissolved in a synthetic hydro-carbon | | | |
|--|----------------------|-------------------|------------|
| Colour: beige | | Odour: mild | |
| Technical data: | Unit of measurement: | Norm | K.S.P. 325 |
| Density | g/ml | DIN 51757 | 0.90 |
| Time of slowing down | s | DIN EN ISO 2431 | 50 |
| Flash point | °C | DIN EN ISO 2719 | 58 |
| Film thickness | µm | - | 10 |
| Corrosion behaviour to St 14 | | - | |
| ● condensation-water test | Cycles | DIN EN ISO 6270-2 | > 100 |
| ● salt-fog chamber | h | DIN EN ISO 9227 | > 360 |
| Corrosion prevention time*: | | | |
| - indoor storing | months | - | 36 |
| - outdoor storing under roof | months | - | 24 - 30 |
| - outdoor storing | months | - | 12 - 15 |

* K.S.P. 325 was examined by intensive tests according to DIN EN ISO 6270-2 condensation-water test (KFW), DIN EN ISO 9227 salt-fog test and DIN 50917 free-weathering test. The above-mentioned prevention periods result from the thereby achieved test results as well as from further practical tests. The maximum corrosion prevention time varies with the environmental conditions.

Applications

- for the long-term conservation of all kinds of entire machines for the shipment
- for the shutdown conservation of vehicles and appliances of the construction industry or agriculture
- for the conservation of metal items and tools after galvanic processing and cleaning processes
- for the sealing of hollow spaces
- as corrosion protection for the intermediate and final conservation of semi-finished products
- for press and casting moulds for long-term storing (indoor, outdoor under roof and outdoor)
- for the conservation of diecasting moulds, injection moulds, press tools, punching tools and drawing dies in the metal or plastic industry

Processing

The metal surfaces which are to be protected should be dry and clean before the application of K.S.P. 325. RIVOLTA K.S.P. 325 can be applied by brush, press pump sprayer or electric sprayer. In many cases to conserve the items by immersion is recommended.

After the evaporation of the solvent a nearly touch-dry layer will be formed on the metal surface.

If you do not use K.S.P. 325 for a longer time please take care that the contained finest wax particles are diffused evenly. This can be achieved by shaking or stirring.

Removal

RIVOLTA K.S.P. 325 forms a waxlike protective layer which is necessary for the outdoor storing conservation. This layer has to be removed in most cases before further processing of the treated parts. K.S.P. 325 can easily be cleaned off the conserved items without any problems. Our solvent cleaners (M.T.X.-products) as well as steam jets with our waterbased cleaning products are especially suitable for this procedure.

This text contains facts and statements and is determined with our best knowledge and will be checked continuously. These statements are depending - among other reasons - on experiences gained in the industry. We only pass them on without liability. Before using our products you should test the applicability and you should convince yourself about the satisfactory performance. Our application examples and suggestions should not request to violate patent rights.