

K.S.P. 440 nonVOC

VOC-free corrosion protection wax

The benefits at a glance

- Reliable long-term corrosion protection
- Touch-dry protective film
- VOC-free according to 31. BImSchV
- Flash point +135 °C
- Temperature resistance (dry film) -40 °C to +100 °C
- Silicone-free
- Solvent-free
- Good material compatibility
- Easy and economical processing



Properties

Rivolta K.S.P. 440 nonVOC is a water-free full-solid long-term corrosion protection on wax basis. Our product is solvent-free and therefore, VOC-free according to the 31. BImSchV (VOC regulation). The product forms a touch-dry protective film which provides a good adhesion on steel, zinc as well as on galvanized and phosphated surfaces and many others more.

K.S.P. 440 nonVOC is without dripping and has a good creeping ability. The ability of changing the consistence depending on the shearing stress reduces the drain-off during the application with film thicknesses up to 100 µm.

At the same time **K.S.P. 440 nonVOC** penetrates cracks and undercuts with its good creeping ability and protects them against corrosion. Our product contains additional inhibitors which prevent metal surfaces from rust if there are slightly injuries in the protective coating.

Efficiency

The use of **Rivolta K.S.P. 440 nonVOC** can - with the same dry film thickness - reduce the material consumption compared to solvent- and water-based waxes by 30 % to 70 %.

| | |
|---------------|--------|
| Form | liquid |
| Colour | amber |
| Odour | mild |

Fields of application

- Cavity preservation on vehicles, crane jibs, machine frames, etc.
- Long-term preservation especially of cavities and interior of machines, plants, components of all kinds
- Applications where VOC-free corrosion protection agents are needed for extreme conditions such as shipment or weathering
- Components of all kinds where short drying times are not needed

Instructions for use

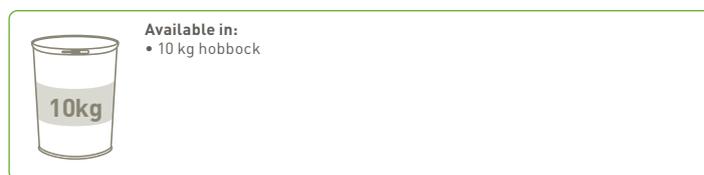
The surfaces which need to be protected should be dry and clean before application of **Rivolta K.S.P. 440 nonVOC**.

Our product can be applied at room temperature using commercially available pressure pump; a processing with brush, roll etc. is also possible.

Suitable application devices and accessories in our [accessories brochure](#).

Removability

If necessary **Rivolta K.S.P. 440 nonVOC** can easily be removed from the preserved parts with e.g. hydrocarbon-based products of the **Rivolta M.T.X.** line.



| | Value | Norm |
|---|---|--------------------------|
| | K.S.P. 440 nonVOC | |
| Dropping point of dry film | ≥ 120 °C | - |
| Temperature resistance of the dry film | -40 °C to +100 °C | - |
| Protection duration, depending on layer thickness, Surface pretreatment, application and load parameters | Cavity sealing: 3 - 15 years Indoor storage: 3 - 6 years Outdoor storage: 1 - 3 years | - |
| Resistance in the salt fog test (dry film thickness 40 µm) | ≥ 720 h | DIN EN ISO 9227 |
| Flow time | 100 sec. | based on DIN EN ISO 2431 |
| Flash point | +135 °C | DIN EN ISO 2719 |
| Density at +15 °C | 1,05 g/cm ³ | DIN 51757 |

* The products were examined by intensive tests according to DIN EN ISO 6270 condensation-water-test (KFW), DIN EN ISO 9227 salt-fog 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.



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