

# K.S.P. 204 nonVOC / 204 VCI

nonVOC corrosion inhibiting oils

## The benefits at a glance

- Free of acids, resins and silicones
- Reliable corrosion protection
- VOC-free according to 31. BImSchV
- Excellent material compatibility
- Easy and economical processing
- High flash point
- Additional protection by VCI (K.S.P. 204 VCI)
- Drain-off inhibited (K.S.P. 204 VCI)



## Properties

**Rivolta K.S.P. 204 nonVOC** and **Rivolta K.S.P. 204 VCI** are highly effective and silicone-free corrosion protection products and according to 31. BlmSchV (VOC directive) VOC-free.

**K.S.P. 204 nonVOC** is a corrosion inhibiting oil of low viscosity. It is free of acids and resins and characterized by a high surface activity, spreading capability and good water-displacing properties. This product is very economical because it forms a very thin highly effective protective layer which can easily and quickly be applied and often does not need to be removed.

**K.S.P. 204 VCI** is a VCI (volatile corrosion inhibitor) containing thixotropic oil of low viscosity which forms an oil/ vaseline type film. Drip-free because of the film which is drain-off inhibited. Additional corrosion protection by outgassing of inhibitors which deposit on the metal surfaces out of the vapour phase. Protects metal surfaces which cannot be completely coated such as e.g. pre-assembled components, machines, installations, gears, stabilizer bars etc. Can also be used as an easy and economical alternative to VCI foils.

<b>Form</b>	liquid
<b>Colour</b>	amber
<b>Odour</b>	mild

## Fields of application

- Preservation of entire machines of all kinds for storage and transport
- Preservation of individual assemblies
- For the intermediate / long-term preservation of semi-finished products
- Applications where VOC-free corrosion protection agents are needed

## Instructions for use

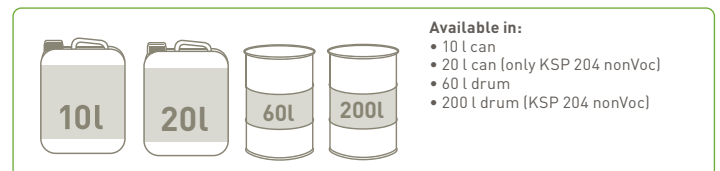
The metal surfaces which are to be protected should be dry and clean before the application of **Rivolta K.S.P. 204 nonVOC** and **Rivolta K.S.P. 204 VCI**. Both products can be applied by brush, roller or by electrically or pneumatically operated spray guns.

**K.S.P. 204 nonVOC** can also be processed by pressure-pump sprayer. Often a processing by immersion is recommended. A tight, highly effective, but not sticky film is formed on the surfaces of the components.

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

## Removability

If necessary it is easy to remove **Rivolta K.S.P.** products from the preserved parts. For this our water-based cleaning products with increased temperatures are suitable or our hydrocarbon-based cleaners.



	Value		Norm
	K.S.P. 204 nonVOC	K.S.P. 204 VCI	
<b>Density at +15 °C</b>	0,86 g/cm <sup>3</sup>		DIN 51757
<b>Kine. Viscosity at +20 °C</b>	10,3 mm <sup>2</sup> /s	–	based on ASTM D 7042
<b>Kine. Viscosity at +40 °C</b>	–	14 mm <sup>2</sup> /s	based on ASTM D 7042
<b>Flash point</b>	> +100 °C	+130 °C	DIN EN ISO 2719
<b>Corrosion prevention time* (months)</b>			
- Indoor storing	18 – 24 months	24 months	–
- Outdoor storing u. roof	06 – 12 months	12 months	

\* 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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