

## SCHWEGO® corrit 6831

Corrosion protection additive for water-based coating systems

**Chemical base** Glycolic slurry of salts

**Properties** SCHWEGO® corrit 6831 is used to compensate poor preparation of the substrate and unsatisfactory painting conditions:

- Manual derusting (residues of rust / flash rust)
- Unfavourable weather conditions, e.g. damp surfaces
- Careless preparation of the substrate e.g. traces of grease
- Difficulties caused by type of construction or location, e.g. rest rust

SCHWEGO® corrit 6831 converts residual rust into a non-corroding iron organic compound and provides long term protection against corrosion. The wetting additive contained in SCHWEGO® corrit 6831 ensures good penetration of the residual rust particles, dirt and wetting of badly degreased surfaces, thus adhesion is promoted.

**Applications** SCHWEGO® corrit 6831 is primarily a rust converting additive for water-based coatings. Typical applications are:

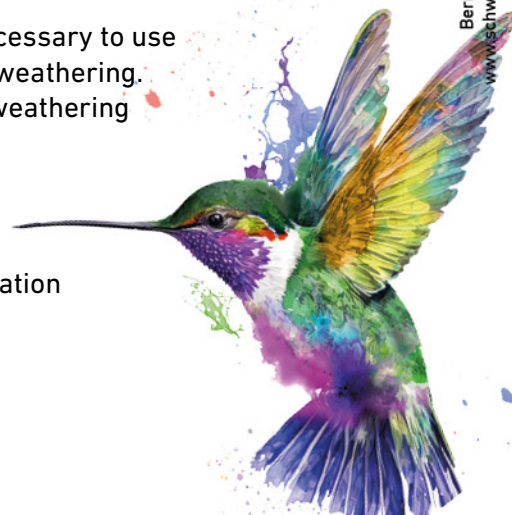
- Anticorrosive primers
- One-coat anticorrosive systems
- Maintenance finishes

<b>Technical data</b>	Appearance	white – light brown, pasty
(Guide values)	Density (ISO 2811-1)	1.33 g/cm <sup>3</sup>
	Flash point (ISO 1523)	44.5 °C
	pH-value, 5% in water (DIN 19268)	6.0 – 7.0%

**Processing** The optimum dosage of SCHWEGO® corrit 6831 is 3,0 – 5,0 %, calculated on total formulation. SCHWEGO® corrit 6831 should added before dispersion of the pigments. Post addition is possible, if SCHWEGO® corrit 6831 is homogeneously distributed. SCHWEGO® corrit 6831 should be added slowly and carefully while mixing in order to avoid local overdosage. Before adding, predilution in one of the solvents of the formulation is useful, for instance water or glycol.

To test the activity of SCHWEGO® corrit 6831 it is necessary to use pre-rusted test panels and to carry out accelerated weathering. The salt spray test does not correlate with outdoor weathering and should not be used.

SCHWEGO® corrit 6831 does not lead to yellowing or longer drying times. Delays in drying time may occur if excessive doses are used. A slight discolouration



may be possible and has no influence on the effectiveness of the product. The use of **SCHWEGO® corrit 6831** in pastel coloured paints should be tested beforehand.

<b>Storage</b>	Do not store <b>SCHWEGO® corrit 6831</b> at temperatures below 5 °C and above 30°C. Stir it up before use. Keep it in a cool, well-ventilated place. Subject to appropriate storage, the described properties of <b>SCHWEGO® corrit 6831</b> remain stable for at least 18 months, provided the original container is closed after use.
<b>Packaging</b>	35 kg drum

The above information is based on our current knowledge and experience.  
No binding assurance in respect of certain properties or suitability for certain applications must be read into our information.  
Patent rights and other proprietary rights must be observed if necessary.  
Further safety instructions please learn from our material safety data sheet.

