

PRODUCT DESCRIPTION

- a zinc salt of phthalic acid
- HEUCORIN® FR combines the properties of a high performance organic corrosion and highly effective flash/early rust inhibitor.

APPLICATION PROFILE

As organic corrosion inhibitor designed for flash/early rust inhibition and temporary corrosion protection, HEUCORIN® FR is recommended for the application in water-borne but also in solventborne Protective Coatings focussing the formulation on the unique organic-inorganic synergies between HEUCORIN® and HEUCOPHOS® products.

STANDARD PACKAGING

- 10 kg Paper Bags
- different types of packaging are available on request

TECHNICAL DATA

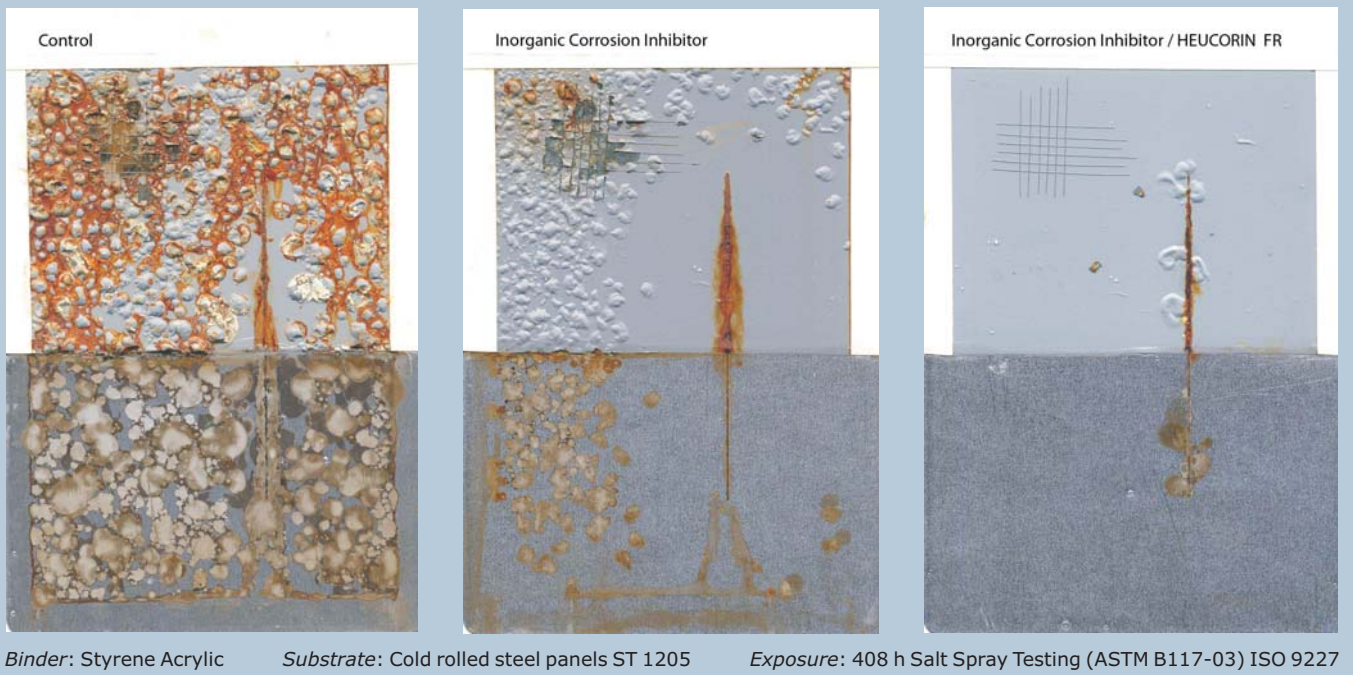
| | | |
|--------------------------------------------|-----------------------|--------------------------|
| Zinc as Zn [%] | min. 52.5 - max. 56.5 | ISO 6745 |
| Organic content [%] | typ. 31 | |
| Water-soluble chloride [%] | max. 0.025 | acc. to ISO 787, Part 13 |
| Water-soluble sulphate [%] | max. 0.05 | acc. to ISO 787, Part 13 |
| Conductivity [μ S/cm] | max. 1000 | ISO 787, Part 14 |
| pH | min. 6.0 - max. 8.0 | ISO 787, Part 9 |
| Lead as Pb [ppm] | max. 10 | ICP |
| Cadmium as Cd [ppm] | max. 10 | ICP |
| Density [g/cm^3] | typ. 3.0 | ISO 787, Part 10 |
| Bulk density, untamped [g/cm^3] | typ. 0.2 | acc. to ISO 787, Part 11 |
| Bulk density, tamped [g/cm^3] | typ. 0.3 | acc. to ISO 787, Part 11 |
| Oil absorption value [$g/100g$] | typ. 30 | ISO 787, Part 5 |
| Sieve residue 32 microns [%] | max. 0.01 | acc. to DIN 53 195 |
| Particle size distribution <10 microns [%] | min. 99 | Coulter LS130 |
| d_{50} [microns] | max. 1.0 | Coulter LS130 |

REGULATORY STATUS

HEUCORIN® FR is listed in the European (EINECS) and Japanese (MITI) inventories.

TAKING EFFECT OF SYNERGIES...

...by combining inorganic corrosion protection pigment with an organic corrosion inhibitor



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