

Corroless CCI 450

Corrosion Inhibitor

 Issue Date: June 2020
 Code: LC00450
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| Product Description | A blend of resins and vapour phase corrosion inhibitor (VCI), developed for use where substrate visibility is required. |
| Features & Use | <ul style="list-style-type: none"> • Protects by both contact and vapour action • Effective for application onto damp surfaces • Gives up to 4 years protection in aggressive environments • Easy to apply, recoat and to remove • Touch dries to a clear glossy finish, can be safely handled • Applications include switch gear, electrical boxes, navigation equipment, parts storage, protection of structural steel plant and pipe storage • Gives extra protection of painted equipment and plant in transit • Available in aerosol cans as CCI 450A, when volume solids, drying times etc. may vary from values given in this data sheet. (500ml Aerosol Cans, minimum order 1 box of 12 cans) |
| Approvals/ Certification | <ul style="list-style-type: none"> • Sold on track record and customer recommendation |
| Volume Solids | 50% ± 2% |
| VOC Content | 448 g/litre |
| Film Thickness and Coverage | Film Thickness: Wet Film 100 microns, Dry Film 50 microns Theoretical Coverage: 10.0 m ² /litre Practical coverage depends on the application method, conditions and the shape and roughness of the surface to be coated |
| Finish | Clear touch dry glossy finish |
| Drying Times | Touch dry: 2 hours at 18°C at recommended dry film thickness Through dry: 24 hours |
| Colour | Clear |
| Mix Ratio | Single Pack |
| Pot Life | Not applicable |
| SG | 0.97 kg/litre |
| Storage Conditions | Store in dry, cool conditions and protect from frost |
| Shelf Life | Minimum 24 months if stored as above in unopened containers |
| Flash Point | 32-55°C |

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| Surface Preparation | <ul style="list-style-type: none"> For best results degrease using a water-soluble degreaser and prepare heavily corroded steel surfaces using scrapers, wire brushes, needle guns etc. to St2 standard of EN ISO 8501-1:2007 or equivalent, wash down with clean fresh water and allow to dry before application For clean surfaces (example production components, machinery casings etc), degrease using a water-soluble degreaser to remove dirt and oil/grease deposits. Wash down and allow to dry prior to application Recommended substrates: Steel and most other metallic substrates |
| Mixing | Stir thoroughly before use |
| Thinner / Cleaner | Corroless Thinners No.2 (Solvent Gun Wash may be used for cleaning only) |
| Application Conditions | Ideally apply in conditions of good ventilation which must be maintained during drying. Do not apply when rain, mist, sleet or snow are imminent. During application and drying the surface should be dry, the Relative Humidity should not exceed 85% and the steel temperature should remain at least 3°C above the dew point |
| Application Method | Airless Spray: Fluid Pressure 1500-2000 psi; Tip Size 11-13 Thou Fan Angle 50° Conventional Spray: An addition of up to 10% Thinners No.2 may be required Brush: Apply un-thinned, lay on do not over brush Roller: Not recommended |
| Product Notes | <ul style="list-style-type: none"> Application Temperature: Range 2°C-35°C Stripe Coating: Stripe coat all edges, nuts and bolts, welds etc. Overcoating: Not normally an issue but damaged areas can be repaired using fresh material. No maximum overcoat time |
| Health & Safety | Containers are provided with safety labels which should be observed. Further information about hazardous influences and protection are detailed in individual Product Safety Data Sheets. A Safety Data Sheet for this product is available on request from Axalta Coating Systems. |

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