

Corroless CCI 400

Corrosion Inhibitor

 Issue Date: June 2020
 Code: LC00400
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Product Description	A blend of waxes and vapour phase corrosion inhibitor (VCI), developed for outdoor use under aggressive conditions. This product is also available in aerosol cans as CCI 400A, when volume solids, drying times etc. may vary from values given in this data sheet.
Features & Use	<ul style="list-style-type: none"> • Protects by both contact and vapour action • Effective for application on to damp surfaces • Gives up to 4 years protection in aggressive environments • Easy to apply, recoat and remove • Applications include equipment, void spaces, structural steel, winches, chains, wire ropes, cranes, box sections, etc. • The melting point of the dried film is 120°C, at which temperature the film becomes fluid. A maximum operating temperature of 100°C is therefore recommended. (See Product Notes)
Approvals/ Certification	<ul style="list-style-type: none"> • Sold on track record and customer recommendation
Volume Solids	55% ± 2%
VOC Content	394 g/litre
Film Thickness and Coverage	Film Thickness: Wet Film 182 microns, Dry Film 100 microns Theoretical Coverage: 5.5 m ² /litre Practical coverage depends on the application method, conditions and the shape and roughness of the surface to be coated
Finish	Dull wax
Drying Times	Dries to a wax finish in 24 hours at 18°C
Colour	Semi-translucent Light Brown
Mix Ratio	Single Pack
Pot Life	Not applicable
SG	0.9 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	32-41°C

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<p>Surface Preparation</p>	<ul style="list-style-type: none"> No special surface preparation is required but the cleaner the substrate the more effective will be the protection achieved 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 (e.g. 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
<p>Mixing</p>	<p>Stir thoroughly before use</p>
<p>Thinner / Cleaner</p>	<p>Corroless Thinners No.2 (Solvent Gun Wash may be used for cleaning only)</p>
<p>Application Conditions</p>	<p>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</p>
<p>Application Method</p>	<p>Airless Spray: Fluid Pressure 3000 psi; Tip Size 13-17 Thou Fan Angle 50° Conventional Spray: An addition of up to 10% Thinners No 2 may be required Brush: Apply unthinned, lay on do not over brush Roller: Not recommended</p>
<p>Product Notes</p>	<ul style="list-style-type: none"> Application Temperature: Range 2°C-30°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, infinitely overcoatable Available in 500 ml Aerosol Cans. Minimum order 1 box of 12 cans CCI 400 contains an inorganic thickening agent that increases the drop point of the dried wax film from 120 degrees centigrade to 170 degrees centigrade. It will not stop it giving off fumes and eventually burning, but will prevent it from sagging and dripping into other areas at temperatures below 170 degrees centigrade
<p>Health & Safety</p>	<p>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.</p>

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