

Corroless CCI Devices

CORROSION INHIBITORS

 Issue Date: June 2020
 Code: LC000V1, V12, V100
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Product Description	Corroless CCI Devices (V1, V12, and V100) contain Corroless CCI Powder, a vapour phase corrosion inhibitor (VCI). They provide a convenient and effective means of protecting against corrosion in electrical equipment and enclosed areas. The units have self-adhesive backing for secure placement.
Features & Use	<ul style="list-style-type: none"> • Can be used on all types of electrical and electronic equipment • Does not affect electrical resistance or conductivity • Effective against dissimilar metal corrosion • Does not adversely affect rubbers, polymers, paints or plastics • Applications include navigation equipment, electrical junction boxes, switchgear, fire and safety warning systems, computer equipment etc.
Approvals/ Certification	<ul style="list-style-type: none"> • Sold on 30 year track record
Finish	Not Applicable
Volume Solids	Not applicable
VOC Content	Not applicable
Film Thickness Range And Coverage	Not Applicable, see application details for treatment rates
Drying Times	Not Applicable, does not dry
Colours	Not applicable - contain a white crystalline powder (Corroless CCI Powder)
Mix Ratio	Not applicable
Pot Life	Not applicable
SG	Not applicable
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	Base Corroless CCI Powder has a Flash Point Greater than 55°C

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Surface Preparation	<ul style="list-style-type: none"> For best results, remove any carbon or oxide deposits, moisture or condensation prior to installation Ensure the surface onto which the device is fitted is clean and free from dirt, grease, oil or other contamination, so that the self-adhesive strip on the base of the device can adhere firmly to the substrate
Mixing	Not Applicable
Thinners / Cleaner	Not applicable
Application Conditions	Application temperatures 0-35°C. Surfaces should be dry and free from ice. During application the Relative Humidity should not exceed 85% and the steel temperature should remain at least 3° above the Dew Point. Recommended substrate: mild steel and other metallic substrates
Application	<ul style="list-style-type: none"> One CCI V1 protects 1 cubic foot of air space (0.028 m³) One CCI V12 protects 12 cubic feet of air space (0.340 m³) One CCI V100 Tape protects 1 cubic foot of air space for each 2" (5.1 cm) of tape used Active Period Up to two years depending on environmental conditions For severe applications increase dosage by 50% Ensure devices are kept in sealed bags and stored in a dry place until ready for use. To apply, remove backing paper from self-adhesive and place centrally and upper most in the closed area (VCI vapour is heavier than air) For V12 devices, do NOT remove breathable membrane top. Mark the provided adhesive advice label with the date of installation and replacement date and fix securely within the area treated. Vents, doors and other openings should be sealed immediately after fitting the CCI device Do not open CCI protected enclosures more than is absolutely necessary – devices work by vapour action and opening of enclosures will deplete vapour concentration. If enclosure is left open for more than 12 hours, replacement of the device is advised The effectiveness of devices of this type will be reduced in enclosures subject to frequent and/or heavy dampness or condensation. Such conditions constitute a severely corrosive environment and these conditions should be first addressed at root cause. Under normal, typical enclosure conditions, Corroless CCI devices have been shown to be highly effective in minimising or eliminating corrosion
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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