

**CORROLESS CORROSION INHIBITOR TECHNOLOGY
(CCI TECHNOLOGY)**

Primarily the technology works by vapour emission from a Corroless inhibiting medium, e.g. powder, oil, wax or grease.

The CCI conditions an enclosed atmosphere with a protective vapour, which excludes oxygen and moisture from the substrate, halting the process of corrosion. The vapour also migrates to all recessed areas and cavities and condenses on all metal surfaces forming a thin monomolecular film on the metal surface.

Corroless Corrosion Inhibitors (CCI) are available in the following forms:

CCI Powder

For pipe work (dry), bulk systems, heat exchangers, void spaces etc.

CCI 100 (CCI 12, or CCI 1 for small enclosures)

For use in electrical enclosures, motors, control panels, SCR Rooms, navigational and tele-communications equipment.

CCI 200 Spray

For electrical enclosures, motors, telecommunication equipment, sensors, navigational equipment.

CCI 250 Water Soluble Inhibitor

Used in hydrostatic pressure testing, water treatment and cooling systems.

CCI 300M Oil Additive

For protecting engines, drill floor equipment, standby equipment, compressors, and hydraulic systems etc.

CCI 350 Lubricating Film

For wire rope protection, exposed shafts, bearings, valve stems etc
CCI 350 is available diluted (CCI 350 Slushing Oil) for in process and spray application.

CCI 355 VCI enriched EP Grease

For bearings, grease points, and threaded connections.

CCI 400 Wax Coating

Provides external protection to deck/drill floor/derrick equipment, cranes, winches, deck process equipment, travelling crown blocks, box sections, pipes etc.
CCI 400A is CCI 400 supplied in aerosol form.

Corroless Corrosion Inhibitors can be used to compliment Corroless Primers and Topcoats to ensure TOTAL corrosion control.

Phone/Fax : +33 (0) 4 93 77 69 43

Internet : www.ccservices.fr

E-mail : info@ccservices.fr

Technical Data

CORROLESS CORROSION INHIBITOR	APPLICATION	COVERAGE RATE	PROTECTION PERIOD
CCI POWDER	By compressed air	525g/cubic metre (15g/cubic foot)	Up to two years for sealed enclosures
CCI VI PAD	Adhesive backed Impregnated sponge	0.0283 m ³ /pad (1 cubic foot)	Up to two years depending on frequency of opening enclosure/air tightness
CCI V12 DEVICE	Adhesive backed Plastic container With breathable lid	0.34 m ³ /device (12 cubic foot)	Up to two years depending on frequency of opening enclosure/air tightness
CCI V100 TAPE	Adhesive backed Impregnated sponge tape	2.83 m ³ /tape (100 cubic foot)	Up to two years depending on frequency of opening enclosure/air tightness

CORROLESS CORROSION INHIBITOR	CCI 200	CCI 250	CCI 300M	CCI 350	CCI 355	CCI 400
SOLIDS (% by volume)	25	30	N/a	85	N/a	55
SPECIFIC GRAVITY (kg/litre)	0.87	1.02	0.89	0.87	0.97	0.90
FLASH POINT (°C)	32-55	21-32	170	32-55	250	32-55
WET FILM THICKNESS (microns)	40	67	N/a	N/a	N/a	182
DRY FILM THICKNESS (microns)	10	20	N/a	N/a	N/a	100
THEORETICAL COVERAGE (m ² /l)	25	15	N/a	N/a	N/a	5.5
DRYING TIME (hours)	8	48	non-drying	72	N/a	24
FILM FINISH	clear, dry	oily finish	oil	grease	grease	wax
ACTIVE PERIOD (years)	2	2	2	4	3	4
THINNERS	N° 1	water	N/a	N° 1	N/a	N° 1
APPLICATION METHODS	B, S, D	B, S, D, F, FG,	Add 10% by Volume to oil.	B, S	Grease gun or brush	B, R, S
SPECIAL APPLICATION NOTES	Do not dilute		S or FG*	Dilute to spray*	-	Available in aerosols.

(*Note: For full details on any product please request an individual data sheet)

Preparation: Before using refer to Corroless Surface Preparation and application guidelines

Key: B = Brush D = Dip F = Flood R = Roller S = Spray FG = Fog.

This leaflet is for general guidance only and is based on tests and information believed to be accurate at the time of printing. All recommendations and suggestions issued by or on behalf of the company are subject to the companies standard conditions of trading.

Phone/Fax : +33 (0) 4 93 77 69 43
Internet : www.ccservices.fr
E-mail : info@ccservices.fr

