

MIGRATORY CORROSION INHIBITOR (MCI®) PRODUCTS FOR CONCRETE



MCI®-2026 Primer HS Chemical Resistance Guide

The following tests were run on MCI-2026 Primer HS under close laboratory supervision. The samples for testing were prepared in accordance with standard procedures and cured for 7 days @77°F. The samples were subjected to the chemicals listed below and inspected at each interval indicated. The results and the corresponding recommendations will indicate the potential suitability of this Cortec product for your particular requirements. All tests were conducted at approximately 77°F.

No warranty is expressed or implied regarding this information. Specific results obtained by the customer are affected by conditions, which are beyond Cortec's control. Therefore customers must make their own tests to determine product suitability for a particular purpose.

EFFECT CODE

A-None	D-Slight Erosion
B-Stains	E-Moderate Erosion
C-Softens	F-Disintegrates

RECOMMENDATION CODE

- 1 – Recommended Constant Exposure
- 2 – Recommended Intermittent Exposure
- 3 – Recommended with Immediate Washdown
- 4 – Not Recommended

ACIDS-INORGANIC				
Chemical	Conc	1-HR	24-HRS	Recommendation
Boric	30%	A	A	1
Boric	Sat.	A	A	1
Chromic Acid	20%	A	A	1
Chromic Acid	40%	A	A	1
Chromic Acid	60%	A	A	1
Fluoboric Acid	12%	A	A	1
Fluoboric Acid	24%	A	A	1
Hydrochloric	10%	A	A	1
Hydrochloric	20%	A	A	1
Hydrochloric	37%	A	B	2
Hydrofluoric	10%	A	A	1
Hydrofluoric	30%	A	A	1
Hypochlorous	5%	A	A	1
Nitric	10%	A	A	1
Nitric	20%	A	B	2
Nitric	50%	B	D	3
Nitric	Conc	E	F	4
Perchloric	70%	A	B	2
Phosphoric	10%	A	A	1
Phosphoric	50%	A	A	1
Phosphoric	75%	A	A	1
Sulfuric	20%	A	A	1
Sulfuric	50%	B	B	3
Sulfuric	70%	B	B	3
Sulfuric	Conc	B	B	3

ACIDS-ORGANIC				
Chemical	Conc	1-HR	24-HRS	Recommendation
Acetic	10%	A	A	1
Acetic	20%	A	A	1
Acetic	50%	A	A	1
Acetic	Glacial	A	A	1
Benzoic Acid	Conc	A	A	1
Butyric	10%	A	B	2
Citric	20%	A	A	1
Citric	50%	A	A	1
Cresylic	10%	A	B	2
Formic	30%	A	A	1
Lactic	40%	A	A	1
Lactic	80%	A	A	1
Maleic	30%	A	A	1
Maleic	60%	A	B	2
Malic	50%	A	A	1
Monochloric Acetic	5%	A	A	1
Monochloric Acetic	10%	A	B	2
Trichloro Acetic	5%	A	A	1
Oleic	Sat.	A	A	1
Oxalic	Sat.	A	A	1
Picric	Sat.	A	A	1
Stearic	Conc	A	A	1
Tannic	30%	A	A	1

AUTO-BRAKE & HYDRAULIC FLUIDS				
Chemical	Conc	1-HR	24-HRS	Recommendation
Brake Fluid	100%	A	A	1
Hy-JetFuel#3	100%	A	A	1
Motor Oil	100%	A	A	1
Skydrol 500A	100%	A	A	1
Skydrol 500B	100%	A	A	1
Transmission Fluid	100%	A	A	1

ALCOHOLS				
Chemical	Conc	1-HR	24-HRS	Recommendation
Diacetone Alcohol	100%	A	A	1
Ethyl Alcohol	100%	A	A	1
Ethylene Glycol	100%	A	A	1
Glycerine	100%	A	A	1
Isopropyl Alcohol	100%	A	A	1
Methyl Alcohol	100%	A	A	1
Phenol	5%	A	A	1
Triethylene Glycol	100%	A	A	1

ALKALIES & SALTS				
Chemical	Conc	1-HR	24-HRS	Recommendation
Ammonium Chloride	50%	A	A	1
Ammonium Hydroxide	10%	A	A	1
Ammonium Hydroxide	20%	A	A	1
Ammonium Hydroxide	50%	A	A	1
Ammonium Nitrate	Sat.	A	A	1
Ammonium Persulfate	Sat.	A	A	1
Ammonium Sulfate	Sat.	A	A	1
Calcium Chloride	50%	A	A	1
Calcium Hydroxide	Sat.	A	A	1
Calcium Hypochlorite	15%	A	A	1
Ferric Chloride	Sat.	A	A	1
Ferric Sulfate	Sat.	A	A	1
Potassium Hydroxide	40%	A	A	1
Sodium Bicarbonate	Sat.	A	A	1
Sodium Bisulfate	Sat.	A	A	1
Sodium Carbonate	Sat.	A	A	1
Sodium Chloride	20%	A	A	1
Sodium Hydroxide	10%	A	A	1
Sodium Hydroxide	50%	A	A	1
Sodium Sulfate	Sat.	A	A	1
Sodium Sulfide	Sat.	A	A	1
Trisodium Phosphate	10%	A	A	1

SOLVENTS-ALIPHATIC				
Chemical	Conc	1-HR	24-HRS	Recommendation
Gasoline	100%	A	A	1
Hexane	100%	A	A	1
Jet Fuel A-1	100%	A	A	1
Mineral Spirits	100%	A	A	1
Naphtha	100%	A	A	1

KETONES-ESTERS				
Chemical	Conc	1-HR	24-HRS	Recommendation
Acetone	100%	A	A	1
Amyl Acetate	100%	A	C	3
Butyl Acetate	100%	A	A	1
Ethyl Acetate	100%	A	A	1
Methyl Ethyl Ketone	100%	A	A	1
Methyl Isobutyl Ketone	100%	A	A	1
PM Acetate	100%	A	A	1

FOR INDUSTRIAL USE ONLY

KEEP OUT OF REACH OF CHILDREN

KEEP CONTAINER TIGHTLY CLOSED

NOT FOR INTERNAL CONSUMPTION

CONSULT MATERIAL SAFETY DATA SHEET FOR MORE INFORMATION

MISCELLANEOUS				
Chemical	Conc	1-HR	24-HRS	Recommendation
Acrylonitrile	100%	A	B	2
Aniline	100%	A	A	1
Beer	100%	A	A	1
Bromine	100%	B	C	3
Butyl Lactate	100%	A	A	1
Carbon Disulfide	100%	A	A	1
Carbon Tetrachloride	100%	A	A	1
Chloroform	100%	A	A	1
Cola	100%	A	A	1
Corn oil	100%	A	A	1
Cyclohexane	100%	A	A	1
Cyclohexane	100%	A	A	1
Diethyl Phthalate	100%	A	A	1
Dimethyl Phthalate	100%	A	A	1
Ethylene Dichloride	100%	C	D	4
Formaldehyde	100%	A	A	1
Fruit Juice	100%	A	A	1
Grease	100%	A	A	1
Hydrogen Peroxide	50%	A	A	1
Ketchup	100%	A	A	1
Lanolin	100%	A	A	1
Lard	100%	A	A	1
Linseed Oil	100%	A	A	1
Mayonnaise	100%	A	A	1
Methyl Salicylate	50%	B	C	3
Milk	100%	A	A	1
Mustard	100%	A	A	1
2-Nitro-Propane	100%	A	A	1
Pyridine	Sat.	B	C	3
Sugar	Sat.	A	A	1
Tannic Acid	Sat.	A	A	1
Tartaric Acid	2%	A	A	1
Tide Solution	100%	A	A	1
Triacetin	100%	A	A	1
Triethanolamine	100%	A	A	1
Turpentine	100%	A	A	1
Water	100%	A	A	1
Wine	100%	A	A	1

SOLVENTS-AROMATIC				
Chemical	Conc	1-HR	24-HRS	Recommendation
Chlorobenzene	100%	A	A	1
SC-100	100%	A	A	1
Toluene	100%	A	A	1
Xylene	100%	A	A	1

SOLVENTS-CHLORINATED				
Chemical	Conc	1-HR	24-HRS	Recommendation
Dichlorobenzene	100%	A	A	1
Methylene Chloride	100%	A	C	2
Perchloroethane	100%	A	A	1
1,1,1,1-trichloroethane	100%	A	A	1
Tetrachloroethylene	100%	A	A	1

LIMITED WARRANTY

All statements, technical information and recommendations contained herein are based on tests Cortec Corporation believes to be reliable, but the accuracy or completeness thereof is not guaranteed.

Cortec Corporation warrants Cortec® products will be free from defects when shipped to customer. Cortec Corporation's obligation under this warranty shall be limited to replacement of product that proves to be defective. To obtain replacement product under this warranty, the customer must notify Cortec Corporation of the claimed defect within six months after shipment of product to customer. All freight charges for replacement products shall be paid by customer.

Cortec Corporation shall have no liability for any injury, loss or damage arising out of the use of or the inability to use the products.

BEFORE USING, USER SHALL DETERMINE THE SUITABILITY OF THE PRODUCT FOR ITS INTENDED USE, AND USER ASSUMES ALL RISK AND LIABILITY WHATSOEVER IN CONNECTION THEREWITH. No representation or recommendation not contained herein shall have any force or effect unless in a written document signed by an officer of Cortec Corporation.

THE FOREGOING WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, EXPRESS, IMPLIED OR STATUTORY, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTY OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE. IN NO CASE SHALL CORTEC CORPORATION BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.



4119 White Bear Parkway, St. Paul, MN 55110 USA
 Phone (651) 429-1100, Fax (651) 429-1122
 Toll Free (800) 4-CORTEC, E-mail info@cortecvci.com
 Internet http://www.cortecvci.com

Distributed by:

printed on recycled paper 100% post consumer

Revised 12/26/06. Cortec Corporation 2002-2006. All rights reserved. Supersedes: 11/13/02
 MCI® is a registered trademark of Cortec Corporation.