



**MIGRATING CORROSION INHIBITORS**  
FROM GREY TO GREEN

# MCI®-2026 Floor Coating Chemical Resistance Guide

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, it is recommended that customers perform their own tests to determine product suitability for a particular purpose.

- 1 - Excellent Resistance
- 2 - Good Resistance
- 3 - Fair Resistance
- 4 - Occasional Spills are Acceptable
- 5 - Not Recommended for Contact
- 6 - Has Not Been Tested

## ACIDS - ORGANIC

Chemical	Resistance Rating
Acetic Acid 5%	1
Acetic Acid 10%	1
Acetic Acid, Glacial	1
Benzoic Acid	1
Butyric Acid 10%	1
Citric Acid 50%	1
Diglycolic Acid	1
Fatty Acid	1
Formic Acid <10%	1
Formic Acid >10%	2
Lactic Acid <20%	1
Lactic Acid 25%	1
Maleic Acid 30%	1
Maleic Acid 60%	1
Malic 50%	1
Monochloro Acetic 5%	1
Monochloro Acetic 10%	2
Oleic Acid	1
Oxalic Acid	1
Phthalic Acid	1
Succinic Acid	2
Tannic Acid, Sat.	1
Tartaric Acid, Sat.	1

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## ACIDS - INORGANIC

Chemical	Resistance Rating
Boric Acid 30%	1
Chromic Acid 10%	1
Chromic Acid 20%	1
Fluoboric Acid	1
Hydrochloric Acid 15%	1
Hydrochloric Acid 37%	1
Hydrofluoric Acid 5%	1
Hydrofluoric Acid 15%	2
Hypochlorous Acid 5%	1
Nitric Acid 10%	1
Nitric Acid 20%	1
Nitric Acid 30%	1
Nitric Acid >40%	2
Phosphoric Acid <50%	1
Phosphoric Acid 70%	1
Phosphoric Acid, Conc.	1
Sulfuric Acid 20%	1
Sulfuric Acid 50%	1
Sulfuric Acid 70%	1
Sulfuric Acid 98%	1

## SOLVENTS - CHLORINATED

Chemical	Resistance Rating
Ethylene Dichloride	2
Methylene Chloride	5
Perchloroethylene	1
Trichloroethane	1
Trichloroethylene	5

## SOLVENTS - AROMATIC AND ALIPHATIC

Chemical	Resistance Rating
Benzene	2
Chlorobenzene	1
Gasoline	1
Mineral Spirits	1
Naphtha	1
Naphthalene	1
Toluene	1
Xylene	1

## ALCOHOLS

Chemical	Resistance Rating
Cyclohexanol	1
Diacetone Alcohol	1
Ethylene Glycol	1
Glycerine	1
Isopropyl Alcohol	1
Methyl Alcohol	2
Phenol 5%	3
Triethylene Glycol	1

## KETONES - ESTERS

Chemical	Resistance Rating
Acetone	1
Amyl Acetate	1
Butyl Acetate	1
Cyclohexanone	2
Ethyl Acetate	2
Methyl Ethyl Ketone	3
Methyl Isobutyl Ketone	3
Methyl Salicylate 50%	3

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## ALKALIES AND SALTS

Chemical	Resistance Rating
Ammonium Hydroxide <20%	1
Ammonium Hydroxide >40%	2
Ammonium Nitrate, Sat.	1
Ammonium Persulfate	1
Ammonium Persulfate, Sat.	1
Calcium Chloride 50%	1
Calcium Hypochlorite <15%	1
Ferric Chloride	1
Ferrous Sulfate	1
Potassium Hydroxide <40%	1
Sodium Benzoate	1
Sodium Bicarbonate, Sat.	1
Sodium Bisulfate, Sat.	1
Sodium Bisulfite, Sat.	1
Sodium Chloride, Sat.	1
Sodium Hydroxide 50%	1
Sodium Hypochlorite 10%	1
Sodium Propionate	2
Sodium Sulfate, Sat.	1
Sodium Sulfide, Sat.	1
Trisodium Phosphate	1

## OILS

Chemical	Resistance Rating
Corn Oil	1
Cutting Oils	1
Linseed Oil	1
Mineral Oils	1
Vegetable Oils	1

## MISCELLANEOUS

Chemical	Resistance Rating
Acrylonitrile	3
Aluminum Chloride <50%	1
Aluminum Chloride >50%	1
Aniline	2
Beer	1
Butyl Lactate	1
Bromine	1
Carbon Disulfide	5
Carbon Tetrachloride	1
Chloroform	5
Copper Fluoroborate	1
Cyclohexane	1
Diethyl Phthalate	1
Ether	1
Formaldehyde	1
Glutamate	1
Glyoxal	1
Hydrogen Peroxide 10%	1
JP5 Jet Fuel	1
Juices, Fruit	1
Juices, Vegetable	1
Kerosene	1
Lanoline	1
Lard	1
Mayonnaise	1
Milk	1
Mustard	1
Peanut Butter	1
Pyridine	5
Skydrol	1
Sucrose Sol. Sat.	1

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Triacetin	1
Triethanolamine	1
Urea	1
Vinegar	1
Water	1
Wine	1
Zinc Nitrate	1

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