### CORROSION EXPOSURE CHART

**DEFINITION OF RATINGS**
- **EXCELLENT**: No effect on normal coating life
- **GOOD**: Minimal effect on coating life
- **FAIR**: Useable, but reduced coating life
- **NOT RECOMMENDED**: Impractical coating life
- **N/A**: Not Applicable

#### WATER
- Splash & Spill/Short Intervals
- Direct Exposure/Extended Intervals

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<tr>
<th>Alkyd Urethanes &amp; Enamels</th>
<th>WB Acrylics</th>
<th>2-Component Epoxies</th>
<th>2-Component Urethanes</th>
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<tbody>
<tr>
<td>V200 Alkyd Urethane Gloss</td>
<td>V300 Quick Dry Acrylic Spray DTM Gloss</td>
<td>V157 Coal Tar Epoxy</td>
<td>V500 Aliphatic Acrylic Urethane Gloss</td>
</tr>
<tr>
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<td>V341 PreCatalyzed Waterborne Epoxy Semi-Gloss</td>
<td>V410 Fast Dry Polyamide Epoxy</td>
<td>V520 Polyester Urethane Gloss</td>
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<td>V342 PreCatalyzed Waterborne Epoxy Eggshell</td>
<td>V430 100% Solids Epoxy</td>
<td>V530 Quick-Cure System Polyurea Basecoat</td>
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<td>V531 Quick-Cure System Polyaspartic Topcoat</td>
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</tr>
<tr>
<td>V260 Electrostatic Enamel Semi-Gloss</td>
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#### ORGANIC ACIDS
- Benzoic
- Citric 10%
- Lactic, Dilute
- Maleic 25%
- Oleic 100%
- Picric 10%
- Fatty Acids 100%

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#### INORGANIC ACIDS
- Hydrochloric (Concen.) 37%
- Hydrochloric 20%
- Hydrochloric 10%
- Hydrofluoric 40%
- Nitric 30%
- Nitric 10%
- Phosphoric 85%
- Phosphoric 50%
- Phosphoric 30%
- Sulfuric 98%
- Sulfuric 10%
- Ammonium Hydroxide 28%
- Ammonium Hydroxide 10-30%
- Calcium Hydroxide (Sat’d)
- Potassium Hydroxide 50%
- Potassium Hydroxide 25%
- Potassium Hydroxide 10%
- Sodium Hydroxide 70%
- Sodium Hydroxide 50%
- Sodium Hydroxide 25%
- Sodium Hydroxide 10%

#### ALKALIS
- Acetic 10%
- Acetic, Glacial
- Boric
- Calcium Hydroxide (Sat’d)
- Glacial
- Maleic 25%
- Oleic 100%
- Picric 10%
- Fatty Acids 100%
- Sodium Hydroxide 70%
- Sodium Hydroxide 50%
- Sodium Hydroxide 25%
- Sodium Hydroxide 10%

### NOTE:
- All coatings must be fully cured to meet these exposures.
- This chart covers finish coats only. Use primers recommended on individual finish coat technical data sheet.
- Proper surface preparation is critical to obtain resistance in all cases.

Benjamin Moore & Co. makes no guarantee as to the suitability of any product listed on this chart in the presence of any chemical reagent. All tests for resistance were completed under laboratory conditions. Temperature, humidity and other factors influence the rate at which certain chemicals react with coatings. For best results, test each coating in actual field conditions for suitability. Fading and chalking may occur on certain product types, however chemical resistance is generally not compromised.
## Corrosion Exposure Chart

### Definition of Ratings

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### Exposure Chart

#### Gases
- Chlorine, Dry
- Chlorine, Wet
- Sulphur Dioxide, Dry
- Sulphur Dioxide, Wet
- Hydrogen Sulfide
- Acetone
- Benzene
- Carbon Tetrachloride
- Ethylene Chloride
- Gasoline
- Trichloroethylene
- Xylene
- Dry Cleaning Solvents
- Vegetable Oil
- Mineral Oil
- Aluminum Nitrate 10%
- Ammonium Chloride
- Copper Sulfate
- Ferric Nitrate
- Zinc Sulfate
- Barium Sulfide
- Sodium Bicarbonate
- Sodium Carbonate
- Sodium Sulfide
- Trisodium Phosphate 10%
- Formaldehyde 37%
- Phenol 5%
- Refinery Crudes
- Hydraulic Fluids
- Transmission Fluids
- Skydrol
- Coastal Inland Industrial
- Inland Commercial

#### Solvents
- Acetone
- Alcohol
- Benzene
- Carbon Tetrachloride
- Chloroform
- Ethylene Chloride
- Gasoline
- Ketones
- Toluene
- Trichloroethylene
- Xylene
- Dry Cleaning Solvents

#### Fats/Oils
- Animal
- Vegetable
- Mineral

#### Acid Salts
- Copper Sulfate
- Ferric Nitrate
- Zinc Sulfate

#### Alkaline Salts
- Ammonium Chloride
- Sodium Carbonate
- Sodium Sulfide

#### MISC.
- Aliphatic Acrylic Urethane Gloss
- Aliphatic Acrylic Urethane Semi-Gloss
- Alkyl Urethane Gloss
- Alkyl Urethane Semi-Gloss
- Water Reducible Alkyd Enamel
- Rapid Dry Alkyd Enamel
- High Solids Rapid Dry Enamel
- Quick Dry Alkyd Enamel Gloss
- Quick Dry Alkyd Enamel Semi-Gloss
- Electrostatic Enamel Semi-Gloss
- Quick Dry Acrylic Spray DTM Gloss
- Acrylic DTM Enamel Gloss
- Acrylic DTM Enamel Semi-Gloss
- PreCatalyzed Waterborne Epoxy Semi-Gloss
- PreCatalyzed Waterborne Epoxy Eggshell
- Coal Tar Epoxy
- Epoxy Mastic Coating
- Polyamide Epoxy Coating
- Fast Dry Polyamide Epoxy
- 100% Solids Epoxy
- Amine Adduct Epoxy
- Acrylic Epoxy
- Aliphatic Acrylic Urethane Gloss
- Aliphatic Acrylic Urethane Semi-Gloss
- Alkyl Urethane Gloss
- Polyester Urethane Gloss
- Quick-Cure System Polyurea Basecoat
- Quick-Cure System Polyaspartic Topcoat

### Notes
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