**TEST METHODS: Stain Resistance – ASTM D 1308**

The concrete sample was polished to 800 grit with a resin diamond pad. The treatment was then applied in accordance with Product Data Sheet instructions and allowed to cure for at least 7 days prior to testing. The soiling agents were allowed to dwell on the treated substrate for 15 minutes, 1 hour, 4 hours, and 8 hours. Evaluation consisted of a visual examination of the tested areas to determine the effect the reagent had on the sample using the following scale:

- **E** = Excellent (No Adverse Effects)
- **G** = Good (Limited Adverse Effects)
- **F** = Fair (Moderate Adverse Effects)
- **P** = Poor (Unsatisfactory)

<table>
<thead>
<tr>
<th>Acids</th>
<th>8 hour</th>
<th>4 hour</th>
<th>1 hour</th>
<th>15 min</th>
<th>Automotive</th>
<th>8 hour</th>
<th>4 hour</th>
<th>1 hour</th>
<th>15 min</th>
</tr>
</thead>
<tbody>
<tr>
<td>10% HCl</td>
<td>P</td>
<td>P</td>
<td>P</td>
<td>P</td>
<td>Gasoline</td>
<td>E</td>
<td>E</td>
<td>E</td>
<td>E</td>
</tr>
<tr>
<td>10% Phosphoric</td>
<td>P</td>
<td>P</td>
<td>P</td>
<td>P</td>
<td>Brake Fluid</td>
<td>G</td>
<td>E</td>
<td>E</td>
<td>E</td>
</tr>
<tr>
<td>10% Sulfuric</td>
<td>P</td>
<td>P</td>
<td>P</td>
<td>P</td>
<td>Motor Oil</td>
<td>E</td>
<td>E</td>
<td>E</td>
<td>E</td>
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<tr>
<td><strong>Salts</strong></td>
<td>8 hour</td>
<td>4 hour</td>
<td>1 hour</td>
<td>15 min</td>
<td>Automatic Transmission Fluid</td>
<td>E</td>
<td>E</td>
<td>E</td>
<td>E</td>
</tr>
<tr>
<td>Calcium Chloride</td>
<td>E</td>
<td>E</td>
<td>E</td>
<td>E</td>
<td>Skydrol</td>
<td>E</td>
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<tr>
<td>Sodium Chloride</td>
<td>E</td>
<td>E</td>
<td>E</td>
<td>E</td>
<td>Foods</td>
<td>E</td>
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<tr>
<td>Sodium Bicarbonate</td>
<td>E</td>
<td>E</td>
<td>E</td>
<td>E</td>
<td>Cola</td>
<td>E</td>
<td>E</td>
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<tr>
<td>Sodium Carbonate</td>
<td>G</td>
<td>E</td>
<td>E</td>
<td>E</td>
<td>Mustard</td>
<td>F</td>
<td>F</td>
<td>F</td>
<td>G</td>
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<tr>
<td><strong>Bases</strong></td>
<td>8 hour</td>
<td>4 hour</td>
<td>1 hour</td>
<td>15 min</td>
<td>Ketchup</td>
<td>F</td>
<td>F</td>
<td>G</td>
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<tr>
<td>5% Ammonium Hydroxide</td>
<td>G</td>
<td>G</td>
<td>G</td>
<td>E</td>
<td>Red Wine</td>
<td>E</td>
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<tr>
<td>10% Potassium Hydroxide</td>
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<td>F</td>
<td>E</td>
<td>E</td>
<td>Balsamic Vinegar</td>
<td>F</td>
<td>F</td>
<td>F</td>
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</tr>
<tr>
<td>10% Sodium Hydroxide</td>
<td>F</td>
<td>G</td>
<td>E</td>
<td>E</td>
<td>Vegetable Oil (Hot)</td>
<td>E</td>
<td>E</td>
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<tr>
<td><strong>Solvents</strong></td>
<td>8 hour</td>
<td>4 hour</td>
<td>1 hour</td>
<td>15 min</td>
<td>Pickle Juice</td>
<td>F</td>
<td>F</td>
<td>G</td>
<td>G</td>
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<tr>
<td>Benzyl Alcohol</td>
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<td>E</td>
<td>E</td>
<td>E</td>
<td>Coffee (Hot)</td>
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<tr>
<td>Ethyl Alcohol (50%)</td>
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<td>E</td>
<td>E</td>
<td>E</td>
<td>Other</td>
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<td>E</td>
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<tr>
<td><strong>Isopropyl Alcohol</strong></td>
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<td>E</td>
<td>E</td>
<td>E</td>
<td>Windex</td>
<td>E</td>
<td>E</td>
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<tr>
<td>Methyl Alcohol</td>
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<td>E</td>
<td>E</td>
<td>E</td>
<td>Hydrogen Peroxide (3%)</td>
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<tr>
<td>Ethylene Glycol</td>
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<td>E</td>
<td>E</td>
<td>E</td>
<td>Bleach (Clorox Regular)</td>
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<tr>
<td>Acetone</td>
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<td>E</td>
<td>E</td>
<td>E</td>
<td>Dawn Dish Soap</td>
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<tr>
<td>Mineral Spirits</td>
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<td>E</td>
<td>E</td>
<td>E</td>
<td>Laundry Detergent (Tide)</td>
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<tr>
<td>Xylene</td>
<td>E</td>
<td>E</td>
<td>E</td>
<td>E</td>
<td>Synthetic Urine</td>
<td>E</td>
<td>E</td>
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</tr>
</tbody>
</table>

Test results were obtained under laboratory conditions. Reasonable variations can be expected due to environmental conditions, etc.