**Description**

Spray-Cure & Seal 25 is a 25% solids, solvent-based, acrylic cure and protect for broom finish concrete. It produces a non-yellowing, medium gloss, continuous film which effectively cures fresh concrete and protects concrete surfaces from freeze/thaw cycles, deicing chemicals and other contaminants.

**USES**

- Cure freshly placed exterior concrete to minimize crazing and shrinkage cracks. **Spray-Cure & Seal 25** holds moisture in the fresh concrete more effectively than other curing compounds to help the cement fully hydrate. This process allows the concrete to achieve its full design strength and durability.
- Use to protect hardened concrete from freeze/thaw cycles, deicing chemicals, salts and other mild chemicals.
- Protects fresh concrete from dusting and simplifies the cleaning process by preventing dirt from penetrating the concrete.

**ADVANTAGES**

- Non-yellowing formula.
- Allows concrete surfaces to develop full design strength by promoting complete hydration of cement.
- Can be used in colder temperatures than Volatile Organic Compound (V.O.C.) compliant water-based products.
- Less likely to clog spray equipment than water-based products.
- Develops higher, deeper gloss than water-based products.
- Can be used over other acrylic cures with minimal surface preparation.
- Increases the abrasion resistance of fresh concrete.
- Protects concrete from deicers, salts and other mild chemicals. Reduces maintenance costs. Surfaces are easier to clean.
- Compatible with most adhesives for resilient carpet and tile.

**TECHNICAL DATA**

- ASTM C1315, Type I Class A, (upon request ID & II) Standard Specification for Liquid Membrane-Forming Compounds for Curing and Sealing Concrete
- ASTM C309, Type 1, Class A & B (upon request 1D & 2) Standard Specification for Liquid Membrane-Forming Compounds for Curing Concrete
- Complies with National Volatile Organic Compound (V.O.C.) Emission Standards for Architectural Coatings, Federal EPA Regulation 40 CFR Part 59 and lower V.O.C. regulations @ < 700 g/L

**Physical Properties**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>PMCC Flash point °F (°C)</td>
<td>105 (40)</td>
</tr>
<tr>
<td>V.O.C. Content</td>
<td>&lt;700 g/L</td>
</tr>
<tr>
<td>Solids</td>
<td>25%</td>
</tr>
<tr>
<td>Drying Time @ 70°F (21°C)</td>
<td></td>
</tr>
<tr>
<td>Dry to touch</td>
<td>1 hour</td>
</tr>
<tr>
<td>Light foot traffic</td>
<td>8 hours</td>
</tr>
<tr>
<td>Heavy Traffic</td>
<td>12 hours</td>
</tr>
</tbody>
</table>

**Estimating Guide**

Coverage rates vary with concrete condition

<table>
<thead>
<tr>
<th>Condition</th>
<th>ft²/gallon</th>
<th>m²/liter</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cure Fresh Concrete</td>
<td>300</td>
<td>7</td>
</tr>
<tr>
<td>Protect Existing Concrete</td>
<td>350 to 450</td>
<td>8.6 to 11</td>
</tr>
<tr>
<td>Optional 2nd Coat</td>
<td>450</td>
<td>11</td>
</tr>
</tbody>
</table>

**DIRECTIONS**

**Mixing:** Do not dilute. **Spray-Cure & Seal 25** is packaged ready to use. Gently stir or agitate prior to use.

**Surface Preparation:** If using to cure fresh concrete, apply when application will not mar the surface within two hours of bleed water dissipation. If applying to protect older concrete, clean thoroughly with high-pressure water and allow the concrete to thoroughly dry. Surface must be clean and free from dirt, dust, laitance, oil, grease, paints, curing agents, tilt up bond breakers, or other contaminants that would prevent proper adhesion. Joints to receive joint sealant should be masked or taped off prior to application.
Directions Cont’d:
Application: Apply uniformly leaving no pinholes or gaps. Do not allow the material to puddle.
Spray Apply: Use a low pressure, solvent resistant, airless sprayer equipped with a fan nozzle or solvent resistant hand pressurized sprayer with a ‘Cats Eye’ nozzle with an orifice of 0.030 to 0.035” at 1 g.p.m. The optimum spray pattern is an 8 to 12 inch fan. Hold sprayer tip 8 to 12 inches from the surface of the concrete.
Roller Apply: Use a short nap (1/4” max) solvent resistant roller.
An optional second coat may be applied to a tack free surface at right angles to the first. Coating breathability will be reduced as film thickness increases. Thinner coats have improved aesthetic qualities.

CLEANUP
Clean tools immediately after use with Coating Repair Solvent, xylol or xylene.

STORAGE
Store tightly sealed containers in cool, dry area away from direct sunlight and sources of heat. Shelf life is three years from date of manufacture. Store locked up.

LIMITATIONS
- For exterior use only.
- Compatible with most adhesives for resilient carpet and tile. Always test for compatibility and adhesion.
- Do not use as a bond breaker for tilt wall construction or on surfaces requiring rubbing.
- Do not apply to joints or channels scheduled to receive elastomeric caulks.
- Do not use if ambient or substrate temperature is below 40°F (4°C). For best results condition material to a minimum of 50°F (10°C) prior to application.
- Do not apply in the presence of foodstuffs. USDA compliance pertains to fully cured coating.
- Coating may be softened and lifted by gasoline or other strong organic solvents such as xylene, toluene, or lacquer thinner. Solvent, gasoline, hydraulic fluids, peanut oil, and cooking oils must be cleaned quickly to prevent damage.
- Safety Data Sheet and all label precautions must be fully understood before using product.
- Quality curing compounds may darken or highlight the color variations naturally pre-sent in concrete.

PRECAUTIONS: Not for indoor use. Use outdoors only in a well ventilated area.

All label precautions and Safety Data Sheet must be fully understood before using this product.

Keep out of reach of children. For professional use only.