



# Concrete Cure & Seal

## FLOOR CARE PRODUCTS

**DESCRIPTION:** Brilliant's Concrete Cure & Seal is a premium quality acrylic membrane coating for curing and sealing new concrete surfaces. This water-based coating can be used for interior and exterior applications where demands for excellent adhesion, chemical resistant, and wear are required. Fast drying with no solvent fumes makes this an ideal product for use in closed areas. Curing membrane performance meets ASTM C-156 requirements. It is recommended that this coating be applied without thinning.

**DIRECTIONS:**

- **Curing & Sealing (New Concrete):** Allow concrete to dry and harden until safe for traffic. Sweep up loose dirt or dust. No need to neutralize. Apply liberal coat using a garden type sprayer, mop, squeegee, roller, or lamb wool applicator. If higher gloss is desired, allow first coat to dry approximately 45 minutes and apply second coat.
- **Sealing (Old Unsealed Concrete):**  
**Preparation:** Remove all grease, oil, and other foreign material by scrubbing with a heavy-duty cleaner and good scrub brushes. Smooth dense concrete surfaces should be conditioned before application. Rinse floor thoroughly with clear water and allow to dry.  
**Application:** Apply a liberal coat using a garden type sprayer, squeegee, roller, or lamb wool applicator. If higher gloss is desired apply a second coat after allowing first coat to dry approximately 45 minutes. Surface temperature should be above 40°F. Allow final coat to dry at least 12 hours before allowing heavy traffic onto floor.

**PACKAGING:**

**SIZE**

5 gallon pail

**CATALOG #**

64600705

### PRODUCT SPECIFICATIONS

<b>Non-volatile solids:</b>	20.0±0.5%	<b>Chemical Resistance:</b>	Excellent
<b>Color:</b>	Milky white	<b>Leveling:</b>	Excellent
<b>Odor:</b>	Mild	<b>Sediment:</b>	0.1% by volume, max
<b>Type:</b>	Waterborne urethane and acrylic polymers	<b>Recoat Time:</b>	45 minutes
<b>pH:</b>	7.5-8.0	<b>Storage/Stability:</b>	2 years
<b>Specular Gloss:</b>	Greater than 90	<b>Freeze/Thaw Stability:</b>	Keep from freezing
<b>Slip resistance:</b>	Greater than 0.50	<b>Weight per Gallon:</b>	8.43 lbs./gal.
<b>Removability:</b>	With instant or solvent type strippers	<b>Coverage:</b>	1st coat 800-1000ft <sup>2</sup> /gal. 2nd coat 1000-1500ft <sup>2</sup> /gal.
<b>Water Resistance:</b>	Excellent	<b>VOC Content:</b>	36.3 grams/liter

**BRILLIANT PRODUCTS**

P. O. Box 1425 Avon Park, FL 33826  
 Phone: 863-452-3872 Fax: 863-452-3878

**MATERIAL SAFETY DATA SHEET**

Prepared By: Manny Cueto

(Prepared According to 29 CFR 1910.1200)

Effective Date: 08/10/05

**SECTION 1- PRODUCT IDENTIFICATION AND SUPPLIER INFORMATION**

<b>Product Name:</b> CONCRETE CURE AND SEAL <b>Generic Name:</b> Acrylic Blend <b>Product Group:</b> Floor Care Products	<b>Supplier's Name:</b> BRILLIANT PRODUCTS P.O. BOX 1425 AVON PARK, FL 33826 Phone #: (863)-452-3872
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**SECTION 2- INGREDIENT INFORMATION**

CHEMICAL NAME	CAS #	WT %	PEL	TWA-TLV	STEL- TLV
Water	7732-18-5	to 100	N.A.	N.A.	N.A.
Acrylic Copolymer Dispersion	N/A	40 to 45	N.A.	N.A.	N.A.
Butoxy Ethanol	111-76-2	0 to 5	25ppm	25ppm	25ppm
Propylene Glycol Phenyl Ether	770-35-4	0 to 5	N.A.	N.A.	N.A.

**SECTION 3- PHYSICAL DATA**

**SECTION 4-FIRE AND EXPLOSION HAZARD DATA**

<b>Boiling Point:</b> 212°F <b>Vapor Pressure:</b> 20 mm Hg @ 68° F <b>% Volatile:</b> 80% + <b>Solubility in Water:</b> Complete <b>Physical Description:</b> Thin milky liquid with characteristic odor.	<b>Specific Gravity:</b> 1.010 <b>Vapor Density (Air=1):</b> >1 <b>pH:</b> 7.5 – 8.0 <b>Evaporation Rate (Water=1):</b> <1	<b>Flash Point:</b> None <b>Extinguishing Media:</b> N.A. <b>Special Firefighting Procedures:</b> Non Flammable. <b>Unusual Fire and Explosion Hazards:</b> N.A. <b>Upper Explosion Limits:</b> N.A. <b>Lower Explosion Limits:</b> N.A.
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**SECTION 5- REACTIVITY DATA**

<b>Stability:</b> Stable <b>Hazards Decomposition Products:</b> Will not occur.	<b>Hazardous Polymerization:</b> Will not occur. <b>Incompatibility (Materials to Avoid):</b> None.
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**SECTION 6- STORAGE AND HANDLING INFORMATION**

Keep out of reach of children. For use by trained personnel only. Keep unauthorized personnel away when applying to floor. Keep container closed during storage. For institutional and industrial use only. Avoid contact with eyes, skin and clothing. Avoid breathing vapors. Use in well-ventilated area.

**SECTION 7- HEALTH HAZARDS AND FIRST AID**

**SECTION 8- SPECIAL PROTECTION INFORMATION**

<b>Effects of Overexposure</b> <b>Skin:</b> Prolonged or repeated contact may cause dermatitis. <b>Eyes:</b> Eye irritant. May cause redness or swelling. <b>Inhalation:</b> Vapors may be irritating to respiratory tract; may cause headache, dizziness, and nausea. <b>Ingestion:</b> May be irritating to the mouth, throat, and gastrointestinal system. Vomiting and diarrhea expected with large doses.  <b>First Aid Procedures</b> <b>Skin:</b> Remove contaminated clothing, wash skin thoroughly with water. Seek medical attention if symptoms persist. <b>Eyes:</b> Flush with water for 15 minutes; seek medical attention. <b>Inhalation:</b> Remove to fresh air; if symptoms persist seek medical attention. <b>Ingestion:</b> Give 2 glasses water. Seek medical attention if symptoms persist.	<b>Respiratory Protection:</b> Organic vapor canister respirator when in confined areas. <b>Ventilation Requirements:</b> Provide local exhaust to keep TLV of Section 2 ingredients below acceptable limits. <b>Protective Gloves:</b> Chemical resistant rubber. <b>Eye Protection:</b> Chemical splash goggles where danger of splash. <b>Other Protective Equipment:</b> Eyewash should be available. Protective footwear when applying to floors.
	<b>SECTION 9-SPILL OR LEAK PROCEDURES</b>
	<b>Cleanup Procedure for Spills:</b> Floors will become slippery. Avoid walking in product. Keep unessential personnel away. Mop up or otherwise absorb or hold disposal. Avoid discharge to sewer or open waterways.  <b>Waste Disposal:</b> Dispose in accordance with local, state and federal regulations.

**SECTION 10-REGULATORY INFORMATION**

<b>SARA Title III – Section 311/312 – Hazard Categories:</b> <b>Fire:</b> N <b>Sudden Release of Pressure:</b> N <b>Reactivity:</b> N <b>Acute (IMMEDIATE) Health Hazard:</b> Y <b>Chronic (DELAYED) Health Hazard:</b> N	<b>Shipping Information</b> For Containers > 1 Gallon: Liquid Floor Wax  For 1 Gallon Containers: Liquid Floor Wax  For Containers < 1 Gallon: Liquid Floor Wax	<b>HMIS Hazardous Material Identification System</b>	
		<b>Health</b>	<b>1</b>
		<b>Flammability</b>	<b>0</b>
		<b>Reactivity</b>	<b>0</b>
	For emergency and medical help line, call INFOTRAC at 1-800-535-5053, 24 hours a day, 7 days a week for information on all our products and/or MSDS. Obtain an MSDS at <a href="http://www.pride-enterprises.org/MSDS/menu.htm">www.pride-enterprises.org/MSDS/menu.htm</a> or call customer service at (863)-452-3872.		<b>Personal Protection</b>

**SECTION 11- OTHER INFORMATION**

This company cannot anticipate all conditions of handling and use of this product. Therefore, this company accepts No responsibility for results obtained by the application of this information, or the safety and suitability of our products either alone or in combination with other products. It is the responsibility of the user to provide a safe workplace, using the health and safety information contained herein as a guide. This company will accept NO liability for damages or loss incurred from the improper handling and use of this product.