



Maintenance Solutions

# Aquathane CS

## Concrete Cure & Seal



### For Use On:

Flagstone  
Quarry Tile

Brick  
Concrete

### DESCRIPTION

A premium quality acrylic membrane coating for curing and sealing new concrete surfaces. This waterbased coating can be used for interior and exterior applications where demands for excellent adhesion, chemical resistance, 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. Manufacturer's Recommendation: This coating is to be applied without thinning.

VOC Content = 36.3 grams/liter, excluding water

### DIRECTIONS

**CURING AND 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 lambs 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 acid 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 lambs 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.

### 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 - 800-1000 ft <sup>2</sup> p/gal. 2nd coat - 1000-1500 ft <sup>2</sup> p/gal.
<b>Wear Resistance:</b>	Excellent	<b>VOC Content:</b>	36.3 grams/liter

Concrete & Hard Surface Care

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

<b>Manufacturer's Name:</b> Misco Products Corporation	<b>Product Name:</b> Aquathane CS	<b>Supplier's Name:</b>
<b>Manufacturer's Address:</b> 1048 Stinson Drive Reading, PA 19605	<b>Generic Name:</b> Concrete Cure & Seal	<b>Supplier's Address:</b>
<b>Manufacturer's Phone #:</b> (610) 926-4106	<b>Chemical Family:</b> Acrylic Blend	<b>Supplier's Phone #:</b>
	<b>Formula:</b> Proprietary	

**SECTION 2-INGREDIENT INFORMATION**

CHEMICAL NAME	CAS NO.	WT. %	PEL	TWA-TLV	STEL-TLV
Water	7732-18-5	to 100			
Acrylic Copolymer Dispersion	N/A	40 to 45			
Ethylene Glycol Monobutyl Ether	111-76-2	0 to 5	25ppm	25ppm	25ppm
Propylene Glycol Phenyl Ether	770-35-4	0 to 5			

**SECTION 3-PHYSICAL DATA**

<b>Boiling Point (°F):</b> 212 F.	<b>Specific Gravity:</b> 1.01
<b>Vapor Pressure:</b> 20mm Hg @ 68 F.	<b>Vapor Density (Air=1):</b> >1
<b>% Volatile:</b> 80+	<b>pH:</b> 7.5-8.0
<b>Solubility in Water:</b> Complete	<b>Evaporation Rate (Water=1):</b> <1
<b>Physical Description:</b> Thin milky liquid with characteristic odor.	
<b>VOC Content (Subpart D §59.406) :</b> 36.3 g/l	

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

<b>Flash Point (Method Used):</b> N/A	<b>Lower Explosion Limit:</b> N/A
<b>Upper Explosion Limit:</b> N/A	<b>Extinguishing Media:</b> N/A
<b>Special Firefighting Procedures:</b> Non Flammable	
<b>Unusual Fire and Explosion Hazards:</b> N/A	

**SECTION 5-REACTIVITY DATA**

<b>Stability:</b> Stable	<b>Hazardous Polymerization:</b> None
<b>Hazards Decomposition Products:</b> Will not occur	<b>Incompatibility (Materials to Avoid):</b> None

**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 of vapors. Use in well-ventilated area.

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

**Effects of Overexposure:**  
**Skin:** Prolonged or repeated contact may cause dermatitis.  
**Eyes:** Eye irritant. May cause redness or swelling.  
**Inhalation:** Vapors may be irritating to nose, throat, and lungs. May cause dizziness, headache, and nausea.  
**Ingestion:** May be irritating to the mouth, throat, and gastrointestinal system. Vomiting and diarrhea expected with large doses.

**First Aid Procedures:**

**Skin:** Flush with water. Seek medical attention if irritation persists.  
**Eyes:** Flush with large quantities of water, holding eyelids open. Seek medical attention.  
**Inhalation:** Remove victim to fresh air and monitor.  
**Ingestion:** Dilute with 2 glasses of water. Seek medical attention if symptoms persist.

**SECTION 8-SPECIAL PROTECTION INFORMATION**

**Respiratory Protection:** Organic vapor canister respirator when in confined areas.  
**Ventilation Requirements:** Provide local exhaust to keep TLV of Section 2 ingredients below acceptable limit.  
**Protective Gloves:** Chemical resistant rubber.  
**Eye Protection:** Chemical splash goggles where danger of splash.  
**Other Protective Equipment:** Eyewash should be available. Protective footwear (e.g. rubber boots) when applying to floors.

**SECTION 9-SPILL OR LEAK PROCEDURES**

**Steps to be taken in Case Material is Released or Spilled:** Floors will become slippery. Avoid walking in product. Keep unessential personnel away. Mop up or otherwise absorb and hold disposal. Avoid discharge to sewer or open waterways.  
**Waste Disposal Method:** Any method in accordance with local, state and federal laws. Best method is to recycle or reuse for intended purpose. Consult local authorities for disposal in public sewer. Do not dispose of into storm drain, stream, river or to ground. Rinse container thoroughly before discarding in trash.

**SECTION 10-REGULATORY INFORMATION**

<b>SARA Title III - Section 311/312 -Hazard Categories:</b> No - Fire Hazard No - Sudden Release of Pressure Hazard No - Reactivity Hazard Yes - Immediate (acute) Health Hazard No - Delayed (chronic) Health Hazard	<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 Materials Identification System</b>								
		<table border="1"> <tr> <td><b>Health</b></td> <td><b>1</b></td> </tr> <tr> <td><b>Flammability</b></td> <td><b>0</b></td> </tr> <tr> <td><b>Reactivity</b></td> <td><b>0</b></td> </tr> <tr> <td><b>Personal Protection</b></td> <td><b>A</b></td> </tr> </table>	<b>Health</b>	<b>1</b>	<b>Flammability</b>	<b>0</b>	<b>Reactivity</b>	<b>0</b>	<b>Personal Protection</b>	<b>A</b>
<b>Health</b>	<b>1</b>									
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<b>Personal Protection</b>	<b>A</b>									

**FOR EMERGENCY MEDICAL OR TRANSPORT INFORMATION:** CHEM-TEL, Inc. @ 800-255-3924 (24 hours, 7 days per week)

This product contains the following toxic chemical(s) subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

CAS#	Chemical Name	Percent by Weight
	None	

This product contains the following chemical(s) which have been established to be either a carcinogen or suspected carcinogen.

CAS#	Chemical Name	Percent by Weight
	None	

**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