



Maintenance Solutions

Aquathane HP

High Performance
Hard Surface
Seal/Finish



For Use On:

Terrazzo Quarry Tile Concrete
Flagstone Brick

DESCRIPTION

A high performance premium quality acrylic membrane coating for sealing and finishing non-resilient hard surfaces, such as concrete, terrazzo, granite, brick, un-glazed ceramic tile, slate or other stone surfaces. This waterbased coating should be used where demand for excellent adhesion, chemical resistance, and wear is required. Fast drying with no solvent fumes makes this an ideal product for use in closed areas. This product should be used for interior applications only.

Manufacturer's Recommendation: This coating is to be applied without thinning.

VOC Content = 73.2 grams/liter, excluding water

DIRECTIONS

SEALING AND FINISHING CONCRETE, TERRAZZO, QUARRY TILE, FLAGSTONE, BRICK, UN-GLAZED CERAMIC TILE, and other non-resilient surfaces.

PREPARATION: Remove all grease, oil, and other foreign material by scrubbing with a heavy-duty cleaner and good scrub brushes. For better adhesion on permanent type coatings such as moisture-cured urethanes or epoxies, it is recommended that the surface be abraded with a 100-mesh screen disk. 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 mop, squeegee, roller, lambs wool applicator or other appropriate 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 8 hours before allowing heavy traffic onto floor.

PRODUCT SPECIFICATIONS

Non-volatile solids:	20.0±0.5%	Chemical Resistance:	Excellent
Color:	Milky white	Leveling:	Excellent
Odor:	Mild	Sediment:	0.1% by volume, max.
Type:	Waterborne urethane and acrylic polymers	Recoat Time:	45 minutes
pH:	7.5 - 8.0	Storage/Stability:	2 years
Specular Gloss:	Greater than 90	Freeze/Thaw Stability:	Keep from freezing
Slip Resistance:	Greater than 0.50	Weight per Gallon:	8.43 lbs./gal.
Removability:	With instant or solvent type strippers	Coverage:	1st coat - 800-1000 ft ² per gal. 2nd coat - 1000-1500 ft ² per gal.
Wear Resistance:	Excellent	VOC Content:	73.2 grams/liter

Concrete & Hard Surface Care

SECTION 1-PRODUCT IDENTIFICATION AND SUPPLIER INFORMATION

Manufacturer's Name:

Misco Products Corporation

Manufacturer's Address:

1048 Stinson Drive Reading, PA 19605

Manufacturer's Phone #: (610) 926-4106**Product Name:** Aquathane HP**Generic Name:** Hard Surface Seal & Finish**Chemical Family:** Acrylic Blend**Formula:** Proprietary**Supplier's Name:****Supplier's Address:****Supplier's Phone #:**

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
Diethylene Glycol Methyl Ether	111-77-3	0 to 5			
Dibutyl Phthalate	84-74-2	0 to 5			
Tributoxyethyl Phosphate	78-51-3	0 to 5			

SECTION 3-PHYSICAL DATA

Boiling Point (°F): 212 F. **Specific Gravity:** 1.01
Vapor Pressure: 20mm Hg @ 68 F. **Vapor Density (Air=1):** >1
% Volatile: 80+ **pH:** 7.5-8.0
Solubility in Water: Complete **Evaporation Rate (Water=1):** <1
Physical Description: Thin milky liquid with characteristic odor.
VOC Content (Subpart D §59.406) : 73.2 g/l

SECTION 4-FIRE AND EXPLOSION HAZARD DATA

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

SECTION 5-REACTIVITY DATA

Stability: Stable **Hazardous Polymerization:** None
Hazards Decomposition Products: Will not occur **Incompatibility (Materials to Avoid):** 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

SARA Title III - Section 311/312 -Hazard Categories:

No - Fire Hazard

No - Sudden Release of Pressure Hazard

No - Reactivity Hazard

Yes - Immediate (acute) Health Hazard

No - Delayed (chronic) Health Hazard

Shipping Information:

FOR CONTAINERS > 1 Gallon : Liquid Floor Wax

FOR 1 GALLON CONTAINERS : Liquid Floor Wax

FOR CONTAINERS < 1 GALLON : Liquid Floor Wax

HMIS Hazardous Materials Identification System

Health	1
Flammability	0
Reactivity	0
Personal Protection	A

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