



Maintenance Solutions

First Step

Acrylic Floor Sealer

For Use On:

Vinyl Tile
Vinyl Asbestos
Asphalt Tile

Linoleum
Rubber Tile



DESCRIPTION

An all-acrylic floor sealer formulated to provide a hard, durable undercoat for use prior to the application of any floor polish. Never yellows and will continue to protect your floor after all floor finish or wax has worn off.

DIRECTIONS

Make sure floor has been thoroughly stripped and rinsed and allowed to dry. For porous or well-worn floors, apply 2 coats of sealer followed by 2 or more coats of finish depending on the gloss desired.

On new floor or floors in good condition, one coat of sealer should suffice.

This product meets the maximum content requirements for Volatile Organic Compounds (VOCs) as established by state and Federal regulations.

PRODUCT SPECIFICATIONS

Type:	Modified acrylic	Detergent Resistance:	Excellent
Non-volatile solids:	18.0±0.5%	Stain Resistance:	Good
Color:	Milky white	Chemical Resistance:	Good
Odor:	Mild	VOC Content:	0.31 lbs./gal.
pH:	8.5 - 9.0	Storage/Stability:	2 years
Dry/Recoat Time:	30 minutes	Freeze/Thaw Stability:	Keep from freezing
Slip Resistance:	.5 min. by ASTM D2047	Weight per Gallon:	8.56 lbs./gal.
Leveling:	Excellent	Coverage:	1000-1500 ft ² per gal.
Sediment:	0.1% by volume, max.		1500-2000 ft ² per gal.
Removability:	With conventional strippers		

SECTION 1-PRODUCT IDENTIFICATION AND SUPPLIER INFORMATION

Manufacturer's Name: Misco Products Corporation	Product Name: First Step
Manufacturer's Address: 1048 Stinson Drive Reading, PA 19605	Generic Name: Acrylic Floor Sealer
Manufacturer's Phone #: (610) 926-4106	Chemical Family: Acrylic Wax Blend
	Formula: Proprietary

SECTION 2-INGREDIENT INFORMATION

CHEMICAL NAME	CAS NO.	WT. %	PEL	TWA-TLV	STEL-TLV
Water	7732-18-5	to 100			
Acrylic Copolymer Dispersion	63744-68-3	35 to 40			
Resin Solution	65405-63-2	5 to 10			
Polyethylene Wax	68441-17-8	5 to 10			
Tributoxy Ethyl Phosphate	78-51-3	0 to 5			
Diethylene Glycol Monomethyl Ether	111-77-3	0 to 5			

SECTION 3-PHYSICAL DATA

Boiling Point (°F): 212 F.	Specific Gravity: 1.028
Vapor Pressure: 20mm Hg @ 68 F.	Vapor Density (Air=1): >1
% Volatile: 82 +	pH: 8.6 +/- 0.5
Solubility in Water: Complete	Evaporation Rate (Water=1): <1
Physical Description: Thin milky liquid with characteristic odor.	

SECTION 4-FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): N/A	Lower Explosion Limit: N/A
Upper 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. Wear protective gloves, eyewear and footwear when applying. 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 irritate 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: Use in well-ventilated area.
Ventilation Requirements: Provide local exhaust to keep TLV of Section 2 ingredients below acceptable limit.
Protective Gloves: Chemical resistant rubber or neoprene.
Eye Protection: Chemical splash goggles recommended.
Other Protective Equipment: Eyewash should be nearby. Wear rubber boots and protective outerwear when using.

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