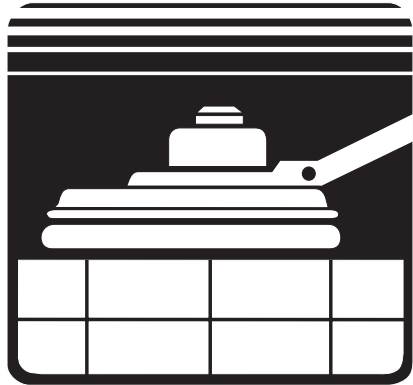


FIRST STEP

Acrylic Floor Sealer



For Use On

Vinyl Tile Linoleum
Vinyl Asbestos Rubber Tile
Asphalt Tile

Authorizations

Product 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 For Use

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.

Technical Data

TEST:

Type: Modified acrylic
Non-volatile solids: 18.0±0.5%
Color: Milky white
Odor: Mild
pH: 8.5 - 9.0
Dry/Recoat Time: 30 minutes
Slip Resistance: .56 - .60 (ASTM-D2047-82)
Leveling: Excellent
Sediment: 0.1% by volume, max.
Removability: With conventional strippers

LIMIT:

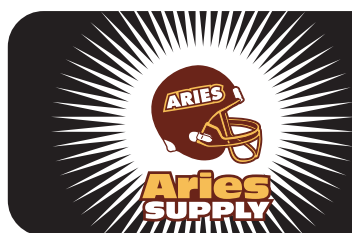
Modified acrylic
18.0±0.5%
Milky white
Mild
8.5 - 9.0
30 minutes
.56 - .60 (ASTM-D2047-82)
Excellent
0.1% by volume, max.
With conventional strippers

TEST:

Detergent Resistance: Excellent
Stain Resistance: Good
Chemical Resistance: Good
VOC Content: 0.31 lbs./gal.
Storage/Stability: 2 years
Freeze/Thaw Stability: Keep from freezing
Weight per Gallon: 8.56 lbs./gal.
Coverage: 1000-1500 ft² per gal.
1500-2000 ft² per gal.

LIMIT:

Excellent
Good
Good
0.31 lbs./gal.
2 years
Keep from freezing
8.56 lbs./gal.
1000-1500 ft² per gal.
1500-2000 ft² per gal.



ARIES SUPPLY

P.O. Box 1337
Ashburn, VA 20146-1337
Toll Free 1-866-274-3780

Renaissance Park at Dulles
• 13858-A Park Center Road,
Herndon, VA 20171

SECTION 1-PRODUCT IDENTIFICATION AND SUPPLIER INFORMATION

Product Name: First Step
Generic Name: Acrylic Floor Sealer
Chemical Family: Acrylic Wax Blend
Formula: Proprietary

Supplier's Name: Aries Supply
Supplier's Address: P.O. Box 1337, Ashburn, VA 20146-1337
 Renaissance Park at Dulles, 13858-A Park Center Road
 Herndon, VA 20171
Supplier's Phone #: (866) 274-3780

SECTION 2-INGREDIENT INFORMATION

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

SECTION 3-PHYSICAL DATA

Boiling Point (°F): 212 F.
Vapor Pressure: 20mm Hg @ 68 F.
% Volatile: 82 +
Solubility in Water: Complete
Physical Description: Thin milky liquid with characteristic odor.

Specific Gravity: 1.028
Vapor Density (Air=1): >1
pH: 8.5 - 9.0
Evaporation Rate (Water=1): <1

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

Hazards Decomposition Products: Will not occur.

Hazardous Polymerization: None

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